AGREEMENT BETWEEN CITY OF MANCHESTER

AND

TEAMSTERS UNION LOCAL NO. 633 OF N.H.

Affiliated with the International Brotherhood of Teamsters

Expires June 30, 2016

(Welfare)

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ARTICLE ONE Purpose

The objectives of this Agreement are the promotion of harmonious and cooperative relations between the City, the Union and members thereof; and the establishment of an equitable and peaceful procedure for the resolution of differences arising between them concerning wages, hours and other conditions of employment other than managerial policy within the exclusive prerogative of the public employer as defined in RSA 273-A. This statement of purpose shall not be subject to the grievance and arbitration provisions of this Agreement.

ARTICLE TWO Recognition

- 21 The City hereby recognizes Teamsters Local 633 of New Hampshire, hereinafter, the "Union", as the exclusive representative of the bargaining unit for the purpose of collective bargaining with respect to wages, hours and other terms and conditions of employment other than managerial policy within the exclusive prerogative of the public employer as specified in RSA 273-A:1, XI. Such managerial prerogatives shall not be subject to the grievance and arbitration provisions of this Agreement.
- 2.2 The bargaining unit is defined as follows:

All regular full-time employees of the Manchester Welfare Department in the classifications of Accounting Specialist II, Administrative Services Manager, and Welfare Specialist I, II, III.

2.3 All other employees are excluded from the bargaining unit. All bargaining unit members, however, who are not members of the union will be required to pay agency fees, in lieu of union dues, to the union.

ARTICLE THREE Management's Rights

The Board of Mayor and Aldermen of the City of Manchester, and the Welfare Commissioner shall continue to have, whether exercised or not, all the rights, powers and authority heretofore existing, including but not limited to the following:

The City of Manchester and the Welfare Commissioner shall determine the levels and standards of service to be offered by the Welfare Department, determine the standards of selection for employment and promotion, direct the bargaining unit members, take disciplinary action, relieve bargaining unit members from duty because of lack of work, budgetary constraints or for other legitimate reasons; issue and enforce rules and regulations; maintain the efficiency of governmental operations; determine the

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means, methods and personnel by which the Welfare Departments operations are to be conducted; determine the content of job classifications; exercise complete control and discretion over its organization and the technology of performing its work; and fulfill all of its legal responsibilities.

All of the rights, responsibilities and prerogatives that are inherent in the Board of Mayor and Aldermen, and the Welfare Commissioner by virtue of statutory and charter provisions cannot be subject to any grievance or arbitration proceeding.

ARTICLE FOUR Contracting and Subcontracting Out

- 4.1 The right of any public agency or private individual(s) or business(es), other than the Welfare Department, to contract for work of the nature ordinarily performed by the Welfare Department, shall not be affected by this Agreement.
- 4.2 The City of Manchester recognizes the concern of the Union in regard to contracting or subcontracting work which results in a reduction of the work force.
- 4.3 If the City of Manchester, or the Welfare Commissioner changes the method of operations which involves contracting out work which is now being performed by bargaining unit employees, the City and/or the Welfare Department will give notice to the Union of its intention. In those cases where bargaining unit members are not absorbed into other City positions, the City and/or Welfare Commissioner will provide as much advance notice of impending lay-off as is reasonably possible.

ARTICLE FIVE Stability of Agreement

- <u>5.1</u> This Agreement represents the entire agreement between the parties hereto and may not be modified in whole or in part except by an instrument in writing, duly executed by both parties.
- <u>5.2</u> Should any article, section or portion thereof of this Agreement be determined to be invalid because it is in conflict with a Federal or State law or be held to be unenforceable by any court of competent jurisdiction, such determination shall apply only to the specific article, section or portion thereof specified in the decision; provided, however, that all other provisions of this Agreement and the application thereof shall remain in full force and effect.

ARTICLE SIX No Strike or Lockouts

61 No bargaining unit member shall engage in, induce or encourage any strike, work stoppage, sick-in, sick-out, work slowdown, work to rule, or withholding of services from the City of Manchester or Welfare Department.

- 6.2 The Union agrees that neither it, nor any of its officers or agents, national or local, will call, institute, authorize, participate in, sanction or ratify any such strike, work stoppage, sick-in, sick-out, work slowdown, work to rule, or withholding of services from the City of Manchester or the Welfare Department. In the event of any such activity, neither the City nor the Welfare Commissioner shall be required to negotiate on the merits of the dispute which gave rise to such activity until any and all such activity has ceased.
- 6.3 Should any bargaining unit member(s) engage in any activity prohibited in Section 6.1, above, the Union shall forthwith disavow any such activity in writing and shall take all reasonable means to induce such bargaining unit member(s) to terminate such activity forthwith, including but not limited to any and all disciplinary measures which may be taken pursuant to the Union's Constitution and By-laws, or similar governing document.
- <u>6.4</u> In the event of any activity prohibited under Section 6.1, above, bargaining unit members participating in the same shall be subject to disciplinary action, including immediate termination.
- 65 The City of Manchester and the Welfare Commissioner will not engage in any lockout.

ARTICLE SEVEN Rules and Regulations

The rules and regulations of the Welfare Department which are now in effect or which may be promulgated or amended by the Welfare Commissioner shall be the prime governing factor in the conduct and actions of all bargaining unit members and every such member shall be thoroughly conversant with them.

ARTICLE EIGHT Non-Discrimination

The Board of Mayor and Aldermen, the Welfare Commissioner and the Union agree that there will be no discrimination against bargaining unit members on account of membership or non-membership in the Union.

The Union officers and members agree not to bar bargaining unit members from joining or remaining in the Union, except for non-payment of dues.

ARTICLE NINE Hours of Work and Overtime

- 9.1 Bargaining unit members shall be assigned to work five (5) days per week, forty (40) hours per week. Determination of the work schedules shall be made by the Welfare Commissioner.
- <u>9.2</u> Bargaining unit members shall be paid overtime in accordance with the Fair Labor Standards Act (FLSA).

ARTICLE TEN Sick Leave Accrual and Payment

- 10.1 Effective on the date of ratification, all bargaining unit members shall be entitled to paid sick leave which shall accrue at the rate of one and one-quarter (1 'A) work days for each completed month of service. Accrual shall include the six (6) month probationary period, but employees will not be allowed to use sick leave until they have satisfactorily completed the probationary period. Unused sick leave may be accumulated up to a maximum of one hundred twenty (120) work days.
- 10.2 Bargaining unit members eligible for sick leave with pay may use such sick leave for absence due to their illness or injury; or the illness or injury of a spouse, child or other blood relative or ward residing in the same household when FMLA leave is approved; or for the bargaining unit member's exposure to contagious disease.

Bargaining unit members shall be required to substantiate sick leave in excess of three (3) days with a letter from a qualified physician or any other excuse acceptable to the Welfare Commissioner. In the case of chronic absenteeism or if the Welfare Commissioner has reason to believe that a bargaining unit member is abusing his/her sick leave, he/she shall give the bargaining unit member a written warning. If the suspected abuse continues, the Welfare Commissioner may request a doctor's certificate for each period of illness.

If, after a written warning has been issued, there is a substantial improvement in the bargaining unit member's sick leave record for twelve (12) months, the written warning shall be removed from the bargaining unit member's record.

10.3 When a bargaining unit member terminates his/her employment with the City, all sick leave credits shall be canceled, except in cases of paid retirement, paid duty disability retirement or death. In such cases, accrued sick leave shall be payable to the bargaining unit member or his/her designated beneficiary; provided however, that payment shall not exceed eighty (80) days, plus ^IA of the balance of the days accrued over 80 but not more than 120 days.

10.4 Bargaining unit members shall also be entitled to the benefits under City Ordinance 33.081 (H)(4)(b), as it may be amended from time to time.

10.5 Bargaining unit members must use all of their accrued sick leave, any sick leave bank benefits to which they are entitled and all other accrued paid leave before they will be allowed to use unpaid leave for personal illness or injury or exposure to contagious disease.

10.6 Sick Leave Incentive

Effective July 1, 2010 or the date of ratification, whichever comes later, bargaining unit members who used forty-eight (48) hours of sick leave or less in the preceding calendar year will qualify for two (2) personal leave days to be scheduled by the Welfare Commissioner. Personal leave days must be used during the calendar year to which they are credited and shall not accumulate or be carried over to the following year.

10.7 Absence Without Leave

Any bargaining unit member who is absent from duty shall report the reason therefore to the Welfare Commissioner prior to the date of absence when possible and in no case later than the second day of absence, unless there are extenuating circumstances. All unauthorized and unreported absence shall be considered absence without leave and deduction of pay shall be made for the period of absence. Such absence may be grounds for disciplinary action.

ARTICLE TEN (A) Sick Leave Bank

Bargaining unit members shall be eligible to participate in the City's Non-Affiliated Sick Leave Bank under its rules and regulations as they may be amended from time to time. Decisions of the Non-Affiliated Sick Leave Bank Committee shall not be grievable.

ARTICLE ELEVEN <u>Discipline</u>

11.1 All bargaining unit members shall be required to attend any investigatory interviews schedules by the Welfare Commissioner. If a bargaining unit member has a reasonable fear that discipline may result from the investigatory interview, he/she shall be entitled to union representation if he/she makes such a request. If a union representative is present at the investigatory interview he/she may not interfere with the investigatory interview. The investigatory interview shall not be unreasonably delayed because of the unavailability of a specific union representative.

11.2 No bargaining unit member shall be disciplined without just cause. Disciplinary decisions may be grieved under Article 13 of the Agreement; provided however, an arbitrator may not substitute his/her judgment for that of the Welfare Commissioner in the exercise of rights granted or retained by this agreement.

ARTICLE TWELVE Union Rights

12.1 With the exception of processing grievance matters and negotiating contracts the Union will not be allowed to transact any business on City time. The Union steward shall be allowed reasonable amounts of City time for the handling of grievances. The City shall have no obligation to pay the steward for time spent in grievance matters when he or she is not scheduled for work.

12.2 The Union shall be allowed to use facilities for off-duty meetings concerning matters covered by this Agreement when such facilities are available and such meetings would not conflict with the business of the Welfare Department. Requests for use of Welfare facilities shall be made to the Welfare Commissioner at least seven (7) days prior to the date of the requested use. The Welfare Commissioner shall respond to the request within four (4) days.

ARTICLE THIRTEEN Grievance Procedure

1. Definitions

A "grievance" is a claim based upon the interpretation, meaning or application of any of the provisions of this Agreement. Only claims based upon the interpretation, meaning or application of any of the provisions of this Agreement shall constitute grievances under this Agreement.

The ten "days" when used in this Article shall mean Monday through Friday excluding holidays or other days when the Welfare Department is closed.

2. Purpose

The purpose of the procedure is to secure, at the lowest possible administrative level, equitable solutions to problems which may, from time to time, arise affecting the welfare or working conditions of any bargaining unit member having a grievance. Both parties agree that the proceedings will be kept as informal and confidential as may be appropriate at any level of the procedure, which shall be handled as provided in this Article.

Nothing herein contained will be construed as limiting the right of any bargaining unit member having a grievance to discuss the matter informally with any appropriate supervisor and to have the grievance adjusted without the intervention of the Union, provided that such adjustment is not inconsistent with the terms of the Agreement. The Union shall have the right to communicate its concerns to the Welfare Commissioner relative to any interested party; however, this right shall not extend to being present at any meeting, unless the grievant wants the Union to be there. Any adjustment reached without the presence of a designated representative of the Union shall not be precedential in any way.

3. Procedures

Since it is anticipated that nearly all grievances can be resolved informally at level one, it is important that the complaint be processed as rapidly as possible. The timelines contained herein should be considered maximum. The time limits may be extended by mutual agreement, in writing.

Bargaining unit members shall, notwithstanding the pendency of any grievance, continue to observe all assignments and applicable rules and regulations until their grievance(s) is resolved.

A. <u>Level One-Discussion</u>

If the grievance is not brought to the attention of a bargaining unit member's Supervisor within twenty (20) days after the grievant knew or should have known of the act or condition upon which the grievance is based, then the grievance shall be considered waived. An aggrieved person shall give a written notice to the Welfare Commissioner and a brief explanation of the alleged grievance. Such aggrieved person will informally discuss the complaint the Welfare Commissioner either directly or through the Union representative with the object of seeking resolution. The Commissioner shall hold a discussion with the grievant and his/her Union representative, if the representative is requested by the grievant. The Welfare Commissioner shall give an answer within five (5) days from the date that the grievance is informally received.

B. Level Two-Formal Grievance

If the grievant is not satisfied with the disposition of the grievance at Level One, or if no decision has been rendered within ten (10) days after the informal meeting at Level One, the grievant may file the grievance, in writing, with the Welfare Commissioner. The grievance and its specifics shall be submitted on the form contained in Appendix A of this Agreement.

Within (10) days of the receipt of the written grievance, the Welfare Commissioner shall meet with the aggrieved person in an effort to resolve it. The Welfare Commissioner shall render his/her decision within five (5) days after the meeting.

C. <u>Level Three-Pre-Arbitration</u>

If the grievant is not satisfied with the disposition of the grievance at Level Two or no decision has been rendered within the time frames specified in Level Two, the grievant may refer the matter, in writing, within five (5) days after the decision at Level Two, or twenty-five (25) days after the complaint was referred to Level Two to the City's Chief Negotiator/Contract Administrator, who shall schedule a pre-arbitration meeting within fifteen (15) days after receiving the request.

Representatives of the Union, the grievant, the Welfare Commissioner and the Chief Negotiator/Contract Administrator will attend the pre-arbitration meeting. The purpose of this meeting is to determine if the grievance can be resolved without

Arbitration. If no satisfactory resolution is reached as a result of the meeting, the Union may submit a written demand for arbitration, with a copy to the Chief Negotiator/Contract Administrator, to the N.H. Public Employee Labor Relations Board within ten (10) days after the pre-arbitration meeting.

D. Level Four-Arbitration

The Arbitrator shall schedule the arbitration hearing at a time and place mutually agreeable to the parties. The Arbitrator shall have no authority to hold a hearing on more than one grievance at any hearing unless the parties mutually agree to the submission of multiple grievances to one arbitrator.

The Arbitrator shall not have the power to alter, add to, or subtract from the terms of the Agreement. The Arbitrator shall have no authority to render a decision which requires the payment for retroactive wages or adjustments which extend prior to the date when an aggrieved employee knew or should have known of the act or condition upon which the grievance was based, as specified in Section 3A of this Article.

The decision of the arbitrator shall be final and binding.

The cost for the services of the Arbitrator, including reasonable expenses, shall be borne equally by the parties in cases of suspension and termination, only. In all other cases, the expenses of the arbitrator shall be borne by the losing party. It shall be incumbent upon the arbitrator to designate the losing Party. The parties agree that the party who requests a postponement of any arbitration hearing shall be obligated to pay any related Postponement costs or fees.

E. <u>Miscellaneous</u>

- 1. Failure at any level of the grievance procedure of "management" to render a decision within the specified time limits shall permit the grievance to proceed to the next level.
- 2. Failure of the grievant and/or the Union to abide by the time limits set forth in this article shall result in the grievance being dismissed without further action being taken with respect to such grievance.
- 3. No reprisals of any kind will be taken by "management" or the Union against any party of interest, any Union representative or any other participant in the grievance procedure by reason of such participation.
- 4. The Welfare Commissioner may initiate a grievance against any bargaining unit member or the Union under the terms of this Article by specifying to the Union, in writing, the specific name (s), date(s), alleged violation(s) or misapplication(s) and the provision(s) of this Agreement involved. Such a grievance shall be commenced at Level Three.

If such a grievance is not filed within forty-five days of the date(s) of the alleged violation(s) or misapplication(s), then the grievance shall be considered waived.

The Welfare Commissioner agrees to allow a Union grievance representative and an aggrieved employee(s) reasonable time, without loss of pay, during regular working hours for the purpose of processing grievances only, provided such time away from work does not interfere with the work of the area(s) involved. Such time will not be withheld unreasonably. The Union grievance representative will obtain prior permission to absent him/herself from work before leaving a work site and shall obtain prior permission of the appropriate supervisor involved before interrupting the work of an aggrieved employee(s). Employees shall not be entitled to vehicle reimbursement if they travel for grievance purposes.

ARTICLE FOURTEEN Salaries

NOTE: The bargaining unit members' work weeks are specified in Article 9.

- .14.1 Effective on July 1, 2015, the Salary Schedule shall be increased by zero percent (0%)).
 - 14.2 Bargaining unit members will receive a step increase on their anniversary date of current position. This step increase will be subject to a satisfactory performance evaluation. Evaluation step increases will stop when a bargaining unit member reaches Step 13 on the included Salary Schedule.
- 14.3 Bargaining member appeals of their annual performance evaluations will be conducted according to the process agreed to by the Union and the City. See Appendix B.
- 14.4 The longevity waiting periods for bargaining unit members shall be 5-10-15-20-25-30-35-40-45 years of service. An increase of three percent (3.0%) will take effect on the bargaining unit member's anniversary date of employment.
- 14.5 Bargaining unit members who are promoted to a higher grade shall be placed on the lowest step of the new grade which will provide a minimum of a ten percent (10.0%) increase in salary.
- 14.6 Bargaining unit members who have attained the requirements of the achievement

grade (A-Step) associated with their positions will be placed on the corresponding step on the achievement grade.

ARTICLE FIFTEEN Temporary Duty in a Higher Classification/Promotions

- 15.1 In any case when a bargaining unit member is qualified for and is temporarily required to serve regularly in and accept the responsibility for work in a higher class of position, such bargaining unit member shall receive the entrance rate of that class or one rate step above his/her present rate, whichever is higher, while so assigned, subject to the approval of the Human Resources Director. Such temporary assignment to a higher class of positions, to qualify for the higher rate of pay, shall be regular and continuous in character for at least one work day.
- 15.2 A bargaining unit member may be temporarily assigned to the work of any position of the same or lower pay grade without a change in pay.
- 15.3 Whenever possible promotions or assignment of a new position shall be made from the regular employees who are employed by the department.

ARTICLE SIXTEEN Hospital/Medical Insurance

16.1 Effective July 1, 2010, the City shall provide a hospital/medical policy equivalent to Cigna POS which description is attached hereto as Appendix D, for all bargaining unit members, hired prior to July 1, 2010. The City will pay eighty-seven and one-half (87.5%) percent.

The employee co-pays shall be as follows:

Option I (PCP) office visit co-pay - \$15.00 Option II (direct referral to specialist) office visit \$30.00 Emergency room visit - \$75.00 Generic prescriptions (one month supply) - \$10.00 Other prescriptions (one month supply) - \$15.00 Mail order prescriptions (three month supply) \$1.00

Effective on July 1, 2010, the City shall place newly hired employees who are eligible for Health Insurance into the Cigna HMO plan until the next open enrollment period following the employee's one year anniversary, at which time, these employees may elect to remain in Cigna HMO or elect to change to Cigna POS.

16.2 It is agreed by all parties concerned that the City reserves and shall have the right to change insurance carriers provided that the benefits are not decreased and the percentage costs to bargaining unit members do not increase.

16.4 Effective July 1, 2010, the City shall provide all bargaining unit members a Northeast Delta Dental plan equivalent to other City employees having such a benefit. The City shall pay eight-five (85.0%) percent of each monthly premium for the entire year for the coverage selected by each employee. The City agrees to provide coverage under Delta Dental Insurance Plan Coverage A, B, and C as set forth in Appendix E attached hereto and made part of this Agreement. The City shall pay an amount not to exceed eighty-five percent (85.0%). Effective July 1, 2007, the total yearly maximum will be \$1,500.00.

16.5 Effective on July 1, 2010, the City will pay one thousand five hundred dollars (\$1,500.00) to any bargaining unit member who terminates his/her existing health insurance coverage under the City's or School Districts' plans and who also provides satisfactory evidence that he/she has valid alternative health insurance coverage elsewhere. This amount shall be paid annually as long as a bargaining unit member who previously terminated health insurance coverage declines to reenroll.

16.6 Bargaining unit members shall be entitled to full participation in the City's Employee Assistance Program (EAP). The parties agree that if the EAP is terminated by the City, this benefit will lapse.

ARTICLE SEVENTEEN Vacation

17.1 All bargaining unit members shall be entitled to vacation leave with pay in accordance with the following schedule:

- a. Accrual rate for two (2) calendar weeks begins on date of hire.
- b. Accrual rate for three (3) calendar weeks begins at the beginning of six (6) years of continuous service.
- c. Accrual rate for four (4) calendar weeks begins at the beginning of fifteen (15) years of continuous service.
- d. Accrual rate of (5) calendar weeks begins at the beginning of twenty (20) years of continuous service.

17.2 Vacation credits shall accrue during the first six (6) working months of employment, but an employee shall not be eligible to use such vacation credits until the successful completion of his/her six (6) month probationary period. If an employee leaves or is terminated for any cause during his/her probationary period, he/she shall not have earned any vacation credits and shall not be eligible for payment for any vacation credits. Employees who are initially employed in a full-time temporary status and who are subsequently appointed to a permanent status, without break in service as determined

by the Human Resources Department, shall be allowed credit for the time served in temporary status towards accrual of vacation benefits.

- 17.3 Vacation pay shall be based upon the employee's regular daily rate of pay. Upon termination, permanent employees shall be paid for all unused vacation time based upon their then current rate of pay.
- 17.4 No employees shall be permitted to accrue in excess of two (2) times his/her annual vacation; i.e. employees who earn ten (10) days of vacation per year shall have not more the twenty (20) days earned vacation to their credit at any one time.
- 17.5 Absence on account of sickness, injury or disability in excess of leave authorized in other articles may, at the request of the employee and within the discretion of the Welfare Commissioner, be charged against earned vacation leave allowance.
- 17.6 In the event that a paid legal holiday as prescribed in Article 18 falls during the week an employee is on vacation, such holiday shall not be charged against the vacation time.

The right to take vacation shall not be unreasonably withheld, however, the Welfare Commissioner shall determine the number of employees allowed to take vacation in any one (1) week. Employees may request to use of vacation time in increments of one (1) hour or more.

ARITLCE EIGHTEEN Holidays

18.1 Permanent full-time employees shall receive their regular compensation for the following named holidays:

New Year's Day
Martin Luther King Day
President's Day
Memorial Day
Fourth of July
Labor Day

Columbus Day Biennial Election Day Veteran's Day Thanksgiving Day Christmas Day

- 18.2 If a holiday falls on a Sunday and is celebrated on the following Monday or if a holiday falls on a Saturday and is celebrated on the previous Friday, all eligible employees will be paid for that day.
- 18.3 Any employee shall forfeit his/her right to payment of any holiday if he/she has any unexcused absence on the last day preceding such holiday (or the alternative day under section 2, above) or the next regular work day following such holiday (or such alternative day).

18.4 Eligible employees who are required to work on a holiday (or the alternative day under section 2, above) when the holiday falls on a scheduled day off shall be allowed to take another day off during the same work week, all subject to the operational needs of the Welfare Department.

ARTICLE NINETEEN Bereavement Leave

- 19.1 Bereavement leave of five (5) working days with pay between the date of death and the date of the funeral, inclusive, shall be granted to bargaining unit members in the event of the death of their spouse, father, mother, grandmother, grandfather, sister, brother, child, father-in-law, mother-in-law, daughter-in law, son-in-law or a blood relative or ward residing in the same household.
- 19.2 Under extenuating circumstances, two (2) additional days with pay may be granted under section 1, with the written approval of the Welfare Commissioner; such days to be charged to the bargaining unit member's accrued sick leave.
- 19.3 At the request of the bargaining unit member, a special leave of one (1) working day with pay, for the purpose of attending the funeral shall be granted the bargaining unit member in the event of the death of his/her grandchild, sister-in-law, brother-in-law, aunt, uncle, great grandparents or an ex-spouse provided there are minor children at the time of the death.
- 19.3 Under no circumstances shall bereavement leave be paid on an overtime basis.

ARTICLE TWENTY Jury Duty/Special Leave

20.1 Any bargaining unit member who is called for jury duty shall notify the Welfare Commissioner or his/her designee within five (5) workdays after being summoned to appear for jury duty. Notification to the Welfare Commissioner must be made in advance of the jury duty assignment with supporting documentation. Upon proper notification, the employee called will be paid the difference between the fee received for jury duty and the amount of straight time earnings lost by reason of the jury duty. Satisfactory evidence of actual jury duty must be submitted to the Welfare Commissioner.

Bargaining unit members whole excused from jury duty for a day or days shall be responsible to report to their assignment. Employees, serving as jurors in the courts of Rockingham, Merrimack or Hillsborough Counties shall, if there are more than two (2) hours remaining in the nominal work day, be responsible to report to their work site as soon as possible after being released. Failure to report will disqualify the employee from the City's Jury Duty Leave payment. In this case, the employee will retain the daily stipend paid by the Court in which the employee serves as a juror.

ARTICLE TWENTY (B)

Leaves of Absence

- A. In addition to other leaves authorized by this Agreement, the Welfare Commissioner, may authorize an employee to be absent without pay for personal reasons for a period or periods not to exceed ninety (90) days in a rotating year.
- B. The Board of Mayor and Aldermen may authorize special leaves of absence with or without pay for any period or periods not exceed one calendar year for the following purposes: Attendance at college, university or business school for the purpose of training in subjects relating to the work of the employee and which will benefit the employee and the Welfare Department, urgent personal business requiring the employee's attention for an extended period, such as settling estates, liquidation of business, attending court as a witness, and for purposes other than the above that are deemed beneficial to the city service.

C. MILITARY LEAVE

Military leave shall be governed by applicable State and Federal law.

D. MATERNITY LEAVE

Maternity leave shall be governed by applicable law.

ARTICLE TWENTY-ONE Education Incentive Reimbursement

- <u>21.1</u> Effective July 1, 2010, the following education incentive reimbursement provisions will apply to bargaining unit members.
- 21.2 The City agrees to provide reimbursement to bargaining unit members who complete approved courses relating to their current responsibilities or as part of an approved career development program based upon the following standards: Payment of seventy-five percent (75%) of the cost of such courses but not to exceed \$2,000.00 per employee per fiscal year. Such payments will be made from the non-affiliated employee fund and they will cease when the fund is exhausted.
- 21.3 All courses must be approved in advance by the Welfare Commissioner, as meeting the requirement that the course is related to the bargaining unit members job or is part of a career development program. Approval must be obtained through the Human Resources Department for payment of the course, under its procedures.
- <u>21.4</u> Once a course has been approved, an advance will be made to the bargaining unit member of one-half (1/2) of the authorized seventy-five percent (75%) of the cost of the course tuition and books. The remainder of the reimbursement will be paid to the bargaining unit member upon presentation of a certification of the satisfactory completion of the course.

- 21.5 Approval for courses will be considered on the basis of relevancy of the course, the number of bargaining unit members applying and the funds available.
- 21.6 If a course is paid for in whole or in part through a State or Federal program then the City will not reimburse for such amount, it being the intent of these provisions to preclude double payment for any course.

ARTICLE TWENTY-TWO Layoffs

22.1 In the event of a layoff, the Manchester Welfare Commissioner reserves the sole right to determine which classification(s) shall be affected. Employees shall be laid off in the inverse order of their classification seniority, i.e., the employee with the least time in the affected classification shall be laid off first.

No employee shall have the right to replace another employee in any classification by virtue of Department Seniority alone, except that, in the event of a permanent lack of work in any classification, employees affected in that classification shall be assigned to the next lower classification for which they are qualified provided they have more Department Seniority than an incumbent in the lower classification.

Displaced employees in the lower classification shall have the same rights of reassignment.

22.2 In the event of a layoff, the Welfare Commissioner shall give written notice to the employee(s) affected at least fourteen (14) calendar days prior to the effective date of the layoff.

In layoffs associated with the contracting or subcontracting of work, the City and/or Department will provide as much advance notice of the impending layoff as is reasonably possible.

ARTICLE TWENTY-THREE <u>Dues Deduction</u>

- <u>23.1</u> Effective on the date of ratification, the City agrees to authorize the deduction of Union dues from each bargaining unit member who has signed an authorization card and to remit same to Teamsters Local No. 633 of New Hampshire on a monthly basis.
- 23.2 If any bargaining unit member has no check coming to him/her, or if his/her check is not large enough to satisfy the dues then no deduction will be made. In no event will the City be required to deduct fines or assessments beyond the regular monthly dues.
- 23.3 The City and the Welfare Department and all of their employees and agents

shall be held harmless in any dispute whatsoever arising between the Union and the bargaining unit member(s) regarding the payment of Union dues.

- 23.4 The City will notify Teamsters Local 633 of New Hampshire in writing within ten (10) working days of the cancellation of Union dues deductions by a bargaining unit member who had previously signed an authorization card.
- 23.5 The City agrees to a D.R.I.V.E. check-off for bargaining unit members. Upon written authorization by the employee, the City shall deduct the amount specified by the employee on a weekly basis and shall remit same to the Granite State Teamsters' D.R.I.V.E. account. The employee shall provide written authorization in the form required law.

ARTICLE TWENTY-FOUR Life Insurance

- 24.1 Effective on the date of ratification, the City will provide for a Life Insurance fund to provide for the payment of a death benefit of an amount equal to the bargaining unit member's last yearly base pay, but not to exceed \$50,000.00 to the named beneficiary or estate of any member of the bargaining unit who dies from any cause while employed by the City or within thirty (30) calendar days after resignation for health reasons.
- <u>24.2</u> The City reserves the right to contract with a qualified insurance carrier of its choosing to provide the benefits specified above.

ARTICLE TWENTY-FIVE Miscellaneous

1) <u>SAFETY COMMITTEE</u>: There shall be established a Safety Committee to work with the Commissioner on safety issues that pertain to the Welfare office and its staff

ARTICLE TWENTY-SIX <u>Duration</u>

Upon ratification by the respective parties, this Agreement shall be in effect, with effective dates for specific provisions as stated in the various Articles, through June 30, 2016, at which time it shall automatically expire.

Pursuant to RSA 273-A:3, II (a), if either party desires to bargain a successor agreement, it must give written notice to the other party no later than December 1, 2015 or the anniversary date thereof, such date being one hundred twenty (120) days prior to the budget submission date.

ARTICLE TWENTY-SEVEN HEALTH BENEFITS AND SALARY INCREASES

- 1. Should, subsequent to January 1, 2015, any other bargaining unit within the City of Manchester, new Hampshire negotiate health care benefits set forth in Article XX paragraph 1 and Article XX paragraph 5 of this agreement which are more favorable that the health care benefits contained in Article XX paragraph 1 and Article XX paragraph 5 the Teamsters Union Local No. 633 of N.H. shall be entitled to receive the more favorable benefits.
- 2. Should, subsequent to January 1, 2015, any other bargaining unit within the City of Manchester, New Hampshire negotiate wage rate increases for the years set forth in Article XI paragraphs 3.1 and 3.2 of this agreement which are more favorable than the Salary Schedule increases contained in Article XI paragraphs 3.1 and 3.2 of this agreement, Teamsters Union Local No. 633 of N.H. shall be entitled to receive the more favorable Salary Schedule increases for those years.

APPENDIX A

Grievance Foini

| CLASSIFICAT | ION |
|--|---|
| SUPERVISOR | TITLE |
| ANCE: LATION; DATE, TIME, PLACE, PERSONN SVIOLATED | NEL INVOLVED, |
| | |
| UESTED | |
| 3 | DATE |
| ERS LOCAL No. 633 OF N.H. TO ACT AS VANCE. | S MY REPRESENTATIVE IN |
| _GRIEVANT'S SIGNATURE | |
| MENT REPRESENTATIVE | |
| VE'S SIGNATURE | |
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| | SUPERVISOR ANCE: LATION; DATE, TIME, PLACE, PERSONN SVIOLATED UESTED ERS LOCAL No. 633 OF N.H. TO ACT ANANCE. GRIEVANT'S SIGNATURE MENT REPRESENTATIVE VE'S SIGNATURE |

APPENDIX B

Employee Development Appeals Process

Only employees who are denied a merit step increase on their anniversary date of position due to a sub-standard performance evaluation may file an appeal. All appeals shall be initially filed with the employee's department head. Any employees receiving a satisfactory performance evaluation shall not have the right to appeal or grieve their evaluation, their pay step or the supervisor's comments. In the event that there is a disagreement between the employee and his/her supervisor over the EDP goals, the employee, after discussing the disagreement with the Department Head or his/her designee may with the concurrence of the Union, file a grievance.

If the department head rules in the employee's favor, the employee shall receive his/her merit step as of their anniversary date of position. If the department head rules against the employee, the employee shall have the right to appeal the decision to the city-wide appeals committee.

Employees will have thirty (30) days from the date of denial by their department head to file an appeal with the Human Resources Director or their right to appeal shall be forfeited.

An appeals committee shall be comprised of the following representatives:

Two union representatives appointed by the unions (with two alternates).

One department head (with one alternate).

One non-affiliated (with one alternate).

An independent neutral party to act as tie breaker. This person to be selected through agreement between the City and the unions. If no decision can be reached, the neutral shall be appointed by the P.E.L.R.B. Any costs associated with the neutral party hearing appeals shall be borne half by the City and half proportionally split amongst the unions whose members are appealing. The unions shall not be responsible for any costs incurred in appeal hearings from non-affiliated employees.

The Human Resources Director as non-voting chairman to provide staff resources. Members cannot sit in on appeals where the appellant is a member of the same department or union.

Terms of the members on this committee shall be staggered with two (2) year terms and members cannot serve more than two consecutive terms. Members must take at least one year off after serving two terms before being allowed to serve on the committee again. Alternates shall have no term limitations.

Unless agreed to by the appellant and the Human Resources Director the committee shall have sixty (60) days from receipt of the appeal to conduct a hearing on the matter.

The committee shall have thirty (30) days to render a decision on the matter.

A majority vote shall rule and all decisions are final, binding and non-grieveable. A decision favorable to the employee means the employee shall receive their merit step effective (including retro-active pay) to their date of position. Evaluation step increases will stop when an employee reaches Step 13 on the included pay matrix.

The provisions of this Article shall expire on the last day of this Agreement, provided that any employee denied a merit pay increase during the duration of this agreement shall be entitled to an appeal under this Article.

For Teamsters

Local 633

For City of

Manchester NH

Alleg Danie A Com

| 2015 | 2 | 22,6 | 23,4 | 16.905 24,229.71 11.64 | 17.460 25,049.09 12.04 | 25,925.78 12.47 | 26,802.49 | 19.365 27,740.61 13.34 | 28,678.68 | 29,682.44 | 21.450 30,686.19 14.80 | 22.200 31,760.21 15.29 | 22.935 32,834.22 15.80 | 23.700 33,983.41 16.35 | 24.525 35,132.62 16.91 |
|----------------|-----------------------------|---------------------------------------|------------------------------|--|------------------------------|------------------------------|------------------------------|--|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| 2015 | 21,241.58 | 15.480 21,985.03 10.58 | 15.870 22,728.49 10.94 | 16.410 23,523.98 11.31 | 24,319.48 11.68 17.520 | 25,170.65 | 26,021.85 | 16.780 26,932.64 12.97 19.455 | 27,843.39 | 20.0/0 28,817.91 13.89 | 29,792.40 14.33 | 21.495 30,835.17 14.86 | 31,877.89 15.34 | 23.010 32,993.62 15.87 | 23.603 34,109.34 16.41 |
| 2015 | 20,622.91 | 15.045 21,344.69 10.26 | 15.390 22,066.50 10.63 | 15.945 22,838.84 10.99 | 23,611.15 11.36 17.040 | 24,437.54 11.78 17.670 | 25,263.94 12.17 | 18.255 26,148.17 12.57 18.855 | 27,032.42 | 13.515 27,978.54 13.48 | 28,924.66 | 29,937.04 14.40 | 30,949.39 14.91 | 32,032.63 15.40 23.100 | 33,115.85 15.95 |
| 2015 | 20,022.25 | 14.595 20,723.02 9.98 | 14.970 21,423.78 10.32 | 15.480 22,173.62 10.68 | 22,923.44 11.04 16.560 | 23,725.78 11.42 17,130 | 24,528.08 11.83 17.745 | 25,386.56 12.23 18.345 | 26,245.05 12.61 | 27,163.62 13.09 | 28,082.22 13.53 | 29,065.08 13.98 20,070 | 30,047.96 14.47 | 31,099.67 14.97 22.455 | 32,151.35 15.45 |
| 2015 | 19,439.07 9,44 | 14.160 20,119.43 9.67 | 14.505 20,799.79 10.03 | 15.045 21,527.78 10.35 15.525 | 22,255.79 10.72 16.080 | 23,034.74 11.09 16.635 | 23,813.68 11,46 17,190 | 24,647.13 11.87 17.805 | 25,480.63 12.26 18.390 | 26,372.47 12.71 | 27,264.28 13.12 | 28,218.55 13.59 20.385 | 29,172.78 14.05 21,075 | 30,193.83 14.53 21.795 | 31,214.86 15.03 |
| 2015 | 18,872.86 9.17 | 13.755 19,533.42 9.38 | 14.070 20,193.96 9.73 | 20,900.74 10.06 15.090 | 21,607.55 10.38 15.570 | 22,363.82 10.77 16.155 | 23,120.08 11.15 16.725 | 23,929.27 11.52 17.280 | 24,738.47 11.90 17.850 | 25,604.33 12.35 18.525 | 26,470.19 12.74 19.110 | 27,396.63 13.18 19.770 | 28,323.09 13.65 20.475 | 29,314.39 14.12 21.180 | 30,305.72 14.58 |
| 2015 | 18,323.17 8.90 | 13.350 18,964.50 9.11 | 19,605.80 9.44 14,160 | 20,292.01 9.76 14.640 | 20,978.23 10.10 15.150 | 21,712.45 10.43 15.645 | 22,446.67 10.81 16.215 | 23,232.32 11.19 16.785 | 24,017.95 11.55 17.325 | 24,858.57 11.98 17.970 | 25,699.20 12.38 18.570 | 26,598.65 12.81 19.215 | 27,498.14 13.22 19.830 | 28,460.58 13.70 20.550 | 29,423.02 14.16 |
| 2015 erep e | 17.7 | 12.960 18,412.13 8.87 13.305 | 19,034.73 9.17 13,755 | 19,700.97 9.47 14.205 | 20,367.20 9.80 14.700 | 21,080.03 10.15 15.225 | 21,792.87 10.47 15.705 | 22,555.62 10.85 16.275 | 23,318.41 11.22 16.830 | 24,134.54 11.62 17.430 | 24,950.70 12.01 18.015 | 25,823.95 12.43 18.645 | 26,697.21 12.85 19.275 | 27,631.62 13.30 19.950 | 28,566.04 13.74 |
| 2015 STEP 7 | 17,271.36 | 12.585 17,875.86 8.60 12.900 | 18,480.32 8.91 13.365 | 19,127.14 9.20 13.800 | 19,773.97 9.50 14.250 | 20,466.05 9.86 14.790 | 21,158.16 10.19 15.285 | 21,898.68 10.54 15.810 | 22,639.21 10.89 16.335 | 23,431.60 11.29 16.935 | 24,223.98 11.65 17.475 | 25,071.81 12.07 18.105 | 25,919.64 12.47 18.705 | 26,826.84 12.93 19.395 | 27,734.01 13.34 |
| 2015 STEP 6 | 16,7 | 17,355.17 8.34 12.510 | 17,942.10 8.63 12.945 | 18,570.03 8.94 13.410 | 19,198.02 9.24 13.860 | 19,869.94 9.55 14.325 | 20,541.87 9.90 14.850 | 21,260.86 10.22 15.330 | 21,979.83 10.58 15.870 | 22,749.11 10.97 16.455 | 23,518.41 11.32 16.980 | 24,341.55 11.72 17.580 | 25,164.34 12.12 18.180 | 26,045.44 12.53 18.795 | 26,926.24 12.96 |
| 2015 STEP 5 | 16,279.91 | 16,849.69 8.11 12.165 | 17,419.51 8.38 12.570 | 18,029.18 8.68 13.020 | 18,638.85 8.97 13.455 | 19,291.24 9.28 13.920 | 19,943.57 9.60 14.400 | 20,641.62 9.95 14.925 | 21,339.62 10.26 15.390 | 22,086.51 10.65 15.975 | 22,833.39 11.00 16.500 | 23,632.59 11.38 17.070 | 24,431.74 11.77 17.655 | 25,286.85 12.18 18.270 | 26,141.98 12.56 |
| 2015 STEP 4 | 15,805.73 7.69 | 16,358.94 7.87 11.805 | 16,912.14 8.13 12.195 | 17,504.05 8.42 12.630 | 18,096.00 8.72 13.080 | 18,729.35 9.01 13.515 | 19,362.69 9.33 13.995 | 20,040.41 9.63 14.445 | 20,718.09 9.98 14.970 | 21,443.23 10.33 15.495 | 22,168.35 10.69 16.035 | 22,944.24 11.05 16.575 | 23,720.15 11.42 17.130 | 24,550.34 11.83 17.745 | 25,380.55 12.22 |
| 2015 STEP 3 | 15,345.35 7.45 11.175 | 15,882.43 7.64 11,460 | 16,419.56 7.89 11.835 | 16,994.23 8.18 12.270 | 17,568.92 8.45 12.675 | 18,183.84 8.75 13.125 | 18,798.73 9.05 13.575 | 19,456.70 9.36 14.040 | 20,114.66 9.67 14.505 | 20,818.65 10.04 15.060 | 21,522.67 10.36 15.540 | 22,275.96 10.73 16.095 | 23,029.27 11.09 16.635 | 23,835.29 11.46 17.190 | 24,641.32 11.86 |
| 2015 STEP 2 | 14,898.43 7.23 10.845 | 15,419.87 7.41 11.115 | 15,941.29 7.68 11.520 | 16,499.26 7.94 11.910 | 17,057.18 8.20 12.300 | 17,654.19 8.48 12.720 | 18,251.21 8.81 13.215 | 18,889.98 9.09 13.635 | 19,528.76 9.39 14.085 | 20,212.28 9.74 14.610 | 20,895.79 10.08 15.120 | 21,627.16 10.39 15.585 | 22,358.51 10.76 16.140 | 23,141.07 11.15 16.725 | 23,923.60 |
| 2015 STEP 1 | 14,464.47 7.03 10.545 | 14,970.74 7.20 10.800 | 15,476.99 7.42 11.130 | 16,018.69 7.73 11.595 | 16,560.38 7.97 11.955 | 17,139.99 8.23 12.345 | 17,719.60 8.53 12.795 | 18,339.81 8.82 13.230 | 18,959.98 9.13 13.695 | 19,623.58 9.43 14.145 | 20,287.17 9.77 14.655 | 20,997.24 10.10 15.150 | 21,707.29 10.42 15.630 | 22,467.05 10.80 16.200 | 23,226.81 11.18 |
| GRADE | DE1 EX | DE 1A EX | DE2 EX | E 2A EX | DE 3 EX 0) H | E3A Ex A) H | 0 EX | E 4A EX |)E 5 EX 0) H 0 | GRADE 5A EX (6CA) H |) H O | E 6A Ex O |) EX | | 8 EX |
| R | GRADE | GRADE | GRADE | GRADE 2A | GRADE (6A0) | GRADE 3A (6AA) | GRADE (6B0) | GRADE 4A (6BA) | GRADE 5 (6C0) | GRADE (6CA) | GRADE 6 (6D0) | GRADE 6A (6DA) | GRADE (6E0) | GRADE 7A (6EA) | GRADE 8 (6F0) |

| 2015 2015 GRADE STEP 1 STEP 2 | 0 16.770 17.265 | GRADE 8A Ex 24,039.72 24,760.94 (6FA) H 11.54 11.89 0 17.310 17.835 | GRADE 9 Ex 24,852.69 25,598.28 3 (6G0) H 11.95 12.34 0 17.925 18.510 | GRADE 9A Ex 25,722.54 26,494.19 3 (6GA) H 12.38 12.74 0 18.570 19.110 | GRADE 10 Ex 26,592.35 27,390.15 2 (6H0) H 12.79 13.15 0 19.185 19.725 | GRADE 10A Ex 27,523.10 28,348.79 2 (6HA) H 13.22 13.66 0 19.830 20.490 | GRADE 11 Ex 28,453.82 29,307.43 3 (610) H 13.70 14.10 | GRADE 11A Ex 29,449.69 30,333.22 3 (6IA) H 14.17 14.59 0 21.255 21.885 | GRADE 12 Ex 30,445.60 31,358.93 3 (6J0) H 14.63 15.08 0 21.945 22.620 | GRADE 12A Ex 31,511.18 32,456.56 3 (6JA) H 15.15 15.60 O 22.725 23.400 | (6K0) H 15.69 16.14 15.69 23.535 24.210 | 33,716.98 34,728,48 | H 16.20 16.69 O 24.300 25.035 | 16.20 16.69 24.300 25.035 34,857.18 35,902.89 16.74 17.26 25.110 25.890 | H 16.20 16.69 24.300 25.035 Ex 34.857.18 35,902.89 16.74 17.26 25.110 25.890 Ex 36.077.17 37,159.48 H 17.32 17.88 | H 16.20 16.69 24.300 25.035 Ex 34.857.18 35,902.89 16.74 17.26 25.110 25.890 Ex 36,077.17 37,159.48 17.32 17.88 25.980 26.820 Ex 37,297.16 38,416.09 17.94 18.46 26.910 27.690 |
|------------------------------------|-----------------|---|--|---|---|--|---|--|---|--|---|------------------------------|----------------------------------|---|---|--|
| 2015 STEP 3 | 17.790 | 25,503.75 12.26 18.390 | 26,366.22 12.70 19.050 | 27,289.03 13.12 19.680 | 28,211.83 13.56 20.340 | 29,199.25 14.06 21.090 | 30,186.67 14.52 21.780 | 31,243.19 15.04 22.560 | 32,299.71 15.52 23.280 | 33,430.25 16.08 24.120 | 34,560.73 16.61 24.915 | 35,770.36 17.21 25.815 | | 36,979.97 17.80 26.700 | 36,979.97 17.80 26.700 38,274.26 18.40 27.600 | 36,979.97 17.80 26.700 38,274.26 18.40 27.600 39,568.57 19.02 28.530 |
| 2015 STED 4 | 18.330 | 26,268.87 12.61 18.915 | 27,157.19 13.08 19.620 | 28,107.68 13.53 20.295 | 29,058.22 13.96 20.940 | 30,075.24 14.48 21.720 | 31,092.26 14.96 22.440 | 32,180.49 15.47 23.205 | 33,268.70 16.01 24.015 | 34,433.12 16.56 24.840 | 35,597.52 17.14 25.710 | 36,843.45 17.71 26.565 | | 38,089.36 18.32 27.480 | 38,089.36 18.32 27.480 39,422.48 18.96 28,440 | 38,089.36 18.32 27.480 39,422.48 18.96 28.440 40,755.63 19.61 29.415 |
| 2015 | 18.840 | 27,056.94 13.02 19.530 | 27,971.92 13.47 20.205 | 28,950.92 13.92 20.880 | 29,929.93 14.37 21.555 | 30,977.49 14.92 22.380 | 32,025.04 15.39 23.085 | 33,145.92 15.97 23.955 | 34,266.80 16.47 24.705 | 35,466.09 17.07 25.605 | 36,665.45 17.62 26.430 | 37,948.75 18.26 27.390 | 39,232.04 | 18.85 28.275 | 18.85 28.275 40,605.17 19.53 29.295 | 18.85 28.275 40,605.17 19.53 29.295 41,978.29 20.20 30.300 |
| 2015 | 19.440 | 27,868.66 13.39 20.085 | 28,811.05 13.88 20.820 | 29,819.44 14.33 21.495 | 30,827.86 14.84 22.260 | 31,906.81 15.35 23.025 | 32,985.79 15.87 23.805 | 34,140.28 16.43 24.645 | 35,294.78 16.99 25.485 | 36,530.10 17.56 26.340 | 37,765.43 18.17 27.255 | 39,087.22 18.80 28.200 | 40,409.00 19.42 | 29.130 | 29.130 41,823.29 20.12 30.180 | 29.130 41,823.29 20.12 30.180 43,237.65 20.81 31,215 |
| 2015 | 20 010 | 28,704.69 13.81 20.715 | 29,675.39 14.29 21.435 | 30,714.06 14.80 22.200 | 31,752.67 15.28 22.920 | 32,864.01 15.82 23.730 | 33,975.38 16.35 24.525 | 35,164.50 16.95 25.425 | 36,353.63 17.49 26.235 | 37,625.99 18.10 27.150 | 38,898.38 18.72 28.080 | 40,259.82 19.37 29.055 | 41,621.28 | 30.045 | 30.045 43,078.03 20.72 31.080 | 30.045 43,078.03 20.72 31.080 44,534.77 21.43 32.145 |
| 2015 | 20.640 | 29,565.85 14.22 21.330 | 30,565.65 14.73 22.095 | 31,635.46 15.23 22.845 | 32,705.27 15.75 23.625 | 33,849.96 16.27 24.405 | 34,994.61 16.84 25.260 | 36,219.43 17.45 26.175 | 37,444.21 18.03 27.045 | 38,754.77 18.65 27.975 | 40,065.33 19.29 28.935 | 41,467.63 19.95 29.925 | 42,869.93 | 30.900 | 30.900 44,370.38 21.33 31.995 | 30.900 44,370.38 21.33 31.995 45,870.83 22.06 33.090 |
| 2015 | 21.240 | 30,452.82 14.65 21.975 | 31,482.63 15.18 22.770 | 32,584.51 15.70 23.550 | 33,686.43 16.20 24.300 | 34,865.44 16.76 25.140 | 36,044.44 17.32 25.980 | 37,305.99 17.98 26.970 | 38,567,57 18,55 27.825 | 39,917.41 19.21 28.815 | 41,267.28 19.84 29.760 | 42,711.65 20.54 30.810 | 44,156.02 | 31.860 | 31.860 45,701.48 21.98 32.970 | 31.860 45,701.48 21.98 32.970 47,246.94 22.73 34.095 |
| 2015 | STEP 10 | 31,366.40 15.09 22.635 | 32,427.11 15.64 23.460 | 33,562.06 16.15 24.225 | 34,696.99 16.68 25.020 | 35,911.40 17.26 25.890 | 37,125.77 17.87 26.805 | 38,425.21 18.50 27.750 | 39,724.61 19.11 28.665 | 41,114.96 19.78 29.670 | 42,505.32 20.46 30.690 | 43,993.00 21.17 31.755 | 45,480.70 21.87 | 32.805 | 32.805 47,072.52 22.64 33.960 | 32.805 47,072.52 22.64 33.960 48,664.35 23.41 35.115 |
| 2015 | STEP 11 | 32,307.41 15.53 23,295 | 33,399.91 16.11 24.165 | 34,568.91 16.63 24.945 | 35,737.92 17.19 25.785 | 36,988.76 17.80 26.700 | 38,239.57 18.39 27.585 | 39,577.94 19.06 28.590 | 40,916.32 19.67 29.505 | 42,348.43 20.39 30.585 | 43,780.51 21.06 31.590 | 45,312.78 21.80 32.700 | 46,845.08 22.54 | 33.810 | 33.810 48,484.69 23.32 34.980 | 33.810 48,484.69 23.32 34.980 50,124.27 24.11 |
| 2015 | STEP 12 | 33,276.62 16.02 16.02 | 34,401.92 16.58 24.870 | 35,605.99 17.15 25.725 | 36,810.07 17.68 26.520 | 38,098.40 18.33 27.495 | 39,386.78 18.95 28.425 | 40,765.29 19.63 29.445 | 42,143.82 20.26 30.390 | 43,618.85 20.99 31.485 | 45,093.87 21.70 32.550 | 46,672.21 22.44 33.660 | 48,250.47 | 34 830 | 34.830 49,939.23 24.02 36.030 | 34.830 49,939.23 24.02 36.030 51,628.00 37,230 |
| 2015 | STEP 13 | 23.925 34,274.95 16.48 | 35,433.97 17.09 25,635 | 36,674.18 17.63 26.445 | 37,914.34 18.24 27.360 | 39,241.35 18.88 28.320 | 40,568.35 19.52 29.280 | 41,988.24 20.22 30.330 | 43,408.14 20.89 31.335 | 44,927.44 21.61 32.415 | 46,446.74 22.34 33.510 | 48,072.33 23.13 34.695 | 49,697.99 | 35 BBD | 35.880 51,437.38 24.72 37.080 | 35.880 51,437.38 24.72 37.080 53,176.82 25.57 |
| 2015 | STEP AL1 | 24.615 35,303.18 17.01 | 36,496.99 17.58 26.370 | 37,774.35 18.18 27.270 | 39,051.77 18.78 28.170 | 40,418.57 19.43 29.145 | 41,785.42 20.10 30.150 | 43,247.89 20.83 31.245 | 44,710.37 21.52 32.280 | 46,275.23 22.26 33.390 | 47,840.10 23.03 | 49,514.52 23.84 35.760 | 51,188.92 | 26.020 | 36.930 52,980.55 25.47 38.205 | 36.930 52,980.55 25.47 38.205 54,772.15 |
| 2015 | STEP AL2 | 25.365 36,362.26 17.50 | 37,591.91 18.13 27.195 | 38,907.63 18.73 28.095 | 40,223.36 19.35 29.025 | 41,631.14 20.03 30.045 | 43,038.97 20.68 31.020 | 44,545.32 21.45 32.175 | 46,051.69 22.17 33.255 | 47,663.49 22.92 34.380 | 49,275.31 23.74 35.610 | 50,999.95 24.55 36.825 | 52,724.59 25.37 | 1000 | 38.055 54,569.96 26.26 | 38.055 54,569.96 26.26 39.390 56,415.29 27.15 |

| <u>0/</u> | 2015 2015 2015 2015 9 STEP 10 STEP 11 STEP 12 STEP 13 | 24.23 24.97 25.70 36.345 37.455 38.550 | 21 52,070.85 53,632.97 55,241.95 56,899.21 33 25.07 25.81 26.58 27.38 95 37,605 38.715 39,870 41,070 | 53,893.32 55,510.13 57,175.41 58, 25,92 26.72 27.53 38.880 40.080 41,295 | 55,715.79 57,387.26 59,108.89 60, 26.81 27.59 28.42 40.215 41.385 42.630 | 57,665.87 59,395.82 61,177.69 63, 27.71 28.58 29.42 41.565 42.870 44.130 | 52 59,615.90 61,404.37 63,246.51 65,143.89 85 28.70 29.56 30.45 31.35 75 43.050 44.340 45.675 47.025 | 61,702.46 63,553.54 65,460.14 67, 29.66 30.55 31.45 44.490 45.825 47.175 | 63,789.00 65,702.69 67,673.78 69, 30.67 31.62 32.55 46.005 47.430 48.825 | 66,021.63 68,002.28 70,042.36 72, 31.77 32.70 33.69 47.655 49.050 50.535 | 26 68,254.24 70,301.88 72,410.92 74,583.27 38 32.85 33.82 34.82 35.89 00 49.275 50.730 52.230 53.835 | 70,643.13 72,762.45 74,945.32 77, 33.98 35.00 36.05 50.970 52.500 54.075 | 73,032.04 75,223.02 77,479.69 79, 35.12 36.16 37.26 52.680 54.240 55.890 | 75,588.18 77,855.81 80,191.50 82, 36.39 37.47 38.59 54.585 56.205 57,885 | 78,144.29 80,488.61 82,903.28 85, 37.60 38.71 39.87 56.400 58.065 59.805 | 80,879.34 83,305.73 85,804.90 88, |
|-------------------|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| מוורסקר - וניולמו | STE | 22.19 22.85 23.51 33.285 34.275 35.265 | 47,652.19 49,081.77 50,554.21 22.92 23.59 24.33 34.380 35.385 36,495 | 49,320.04 50,799.62 52,323.63 23.76 24.45 25.19 35.640 36.675 37.785 | 50,987.84 52,517.51 54,093.00 24.53 25.26 26.03 36.795 37.890 39.045 | 52,772.43 54,355.59 55,986.27 25.37 26.15 26.91 38.055 39.225 40.365 | 54,557.01 56,193.71 57,879.52 26.25 27.02 27.85 39.375 40.530 41.775 | 56,466.48 58,160.50 59,905.32 27.16 27.98 28.81 40.740 41.970 43.215 | 58,376.00 60,127.28 61,931.10 28.09 28.91 29.80 42.135 43.365 44.700 | 60,419.13 62,231.75 64,098.68 29.05 29.94 30.85 43.575 44.910 46.275 | .,462.32 64,336.19 66,266.26 30.05 30.97 31.88 45.075 46,455 47.820 | 64,648.47 66,587.93 68,585.58 31.10 32.04 33.01 46.650 48.060 49.515 | 56,834.66 68,839.69 70,904.89 32.16 33.11 34.12 48.240 49.665 51,180 | 69,173.86 71,249.11 73,386.57 33.30 34.29 35.33 49.950 51.435 52.995 | 71,513.09 73,658.48 75,868.23 34.37 35.43 36.48 51.555 53.145 54.720 | 74,016.07 76,236.51 78,523.63 35.58 36.67 37.75 |
| 2015 201E | S STEP 6 | 20.93 21.55 31.395 32.325 | 44,916.77 46,264.26 4 21.61 22.26 32.415 33.390 | 46,488.85 47,883.51 4 22.36 23.05 33.540 34.575 | 48,060.94 49,502.78 5 23.12 23.83 34,680 35.745 | 49,743.06 51,235.36 5 23.93 24.63 35.895 36.945 | 51,425.21 52,967.97 5. 24.71 25.46 37.065 38.190 | 53,225.07 54,821.84 56 25.59 26.37 38.385 39.555 | 55,024.97 56,675.74 58 26.45 27.27 39.675 40.905 | 56,950.85 58,659.39 60 27.41 28.21 41.115 42.315 | 58,876.72 60,643.02 62, 28.34 29.19 42.510 43.785 | 60,937.41 62,765.53 64 29.30 30.19 43.950 45.285 | 62,998.07 64,888.04 66 30.29 31.23 45.435 46.845 | 65,203.01 67,159.11 69 31.37 32.33 47.055 48.495 | 67,407.95 69,430.21 71, 32.43 33.39 48.645 50.085 | 69,767.23 71,860.25 74, 33.55 34.59 |
| 2015 2015 | 3 STE | 29.550 30.450 | 42,338.36 43,608.49 20.39 20.39 30.585 31,485 | 43,820.20 45,134,84 2 21.06 21.70 31.590 32.550 | 45,302.05 46,661,11 2 21,79 22,43 32,685 33,645 | 46,887.62 48,294.25 4 22.55 23.23 33.825 34.845 | 48,473.18 49,927.39 5 23.30 24.00 34.950 36.000 | 50,169.75 51,674.86 5 24.12 24.84 36.180 37.260 | 51,866.31 53,422.30 5 24.95 25.68 37.425 38.520 | 53,681.62 55,292.08 5 25.83 26.60 38.745 39.900 | 55,496.92 57,161.87 5, 26.68 27.51 40.020 41.265 | 57,439.36 59,162.54 60 27.62 28.45 41.430 42.675 | 59,381.74 61,163.20 6, 28.57 29.41 42.855 44.115 | 61,460.11 63,303,90 65 29.58 30.47 44.370 45.705 | 63,538.43 65,444.62 67 30.54 31.44 45.810 47.160 | 65,762.32 67,735.16 69 31.64 32.57 |
| | STEP 2 | 28.680 | 41,105.20 19.77 29.655 | 42,543.89 20.46 30.690 | 43,982.58 21.16 31.740 | 45,521.95 21.88 32.820 | 47,061.34 22.63 33.945 | 48,708.48 23.42 35.130 | 50,355.65 24.21 36.315 | 52,118.09 25.10 37.650 | 53,880.50 25.89 38.835 | 55,766.35 26.84 40.260 | 57,652.15 27.71 41.565 | 59,670.00 28.72 43.080 | 61,687.80 29.65 44.475 | 63,846.90 30.69 |
| 2015 2015 | STEP 1 STE | 27.855 | 39,907.98 19.20 28.800 | 41,304.75 19.84 29.760 | 42,701.53 20.53 30.795 | 44,196.10 21.25 31.875 | 45,690.62 21.97 32.955 | 47,289.81 22.74 34.110 | 48,888.98 23.50 35.250 | 50,600.08 24.35 36.525 | 52,311,19 25.16 37.740 | 54,142.09 26.06 39.090 | 55,972.97 26.90 40.350 | 57,932.03 27.87 41.805 | 59,891.09 28.80 43.200 | 61,987.28 29.82 44.730 |

| March Marc | GRADE GRADE 23 Ex (6U0) H | 2015 STEP 1 64,083.46 30.78 46,170 | 2015 STEP 2 66,005.96 31.75 47,625 | 2015 STEP 3 67,986.17 32.68 | 2015 STEP 4 70,025,71 33.67 | 2015 STEP 5 72,126.52 34.69 | 2015 STEP 6 74,290.28 | 2015 STEP 7 76,519.00 | 2015 STEP 8 78,814.59 37.89 | 2015 STEP 9 81,179.01 39.04 | 2015 STEP 10 83,614,40 40.20 | 2015 STEP 11 86,122.82 41.41 | 2015 STEP 12 88,706.50 42.64 | 2015 STEP 13 91,367.69 43.95 | 2015 STEP AL1 94,108.72 45.24 | 2015 STEP AL2 96,931.98 46.61 |
|--|---------------------------------|--|--|--------------------------------------|--------------------------------------|--------------------------------------|--|--|--|--|--|--|---------------------------------------|---------------------------------------|--|--|
| Career C | | 99 | 99 | 70,365.66 33.82 50.730 | 72,476.63 34.83 52.245 | 74,650.93 35.91 53.865 | 53.595 76,890.48 36.98 55.470 | 55.200 79,197.17 38.09 57.135 | 56.835 81,573.08 39.23 58.845 | 58.560 84,020.29 40.41 60.615 | 60.300 86,540.89 41.60 62.400 | 62.115 89,137.12 42.85 64.275 | 63.960 91,811.22 44.15 | 65.925 94,565.55 45.48 | 67.860 97,402.53 46.84 | 69.915 100,324.62 48.24 |
| 1. 1. 1. 1. 1. 1. 1. 1. | | 68,5 | 70,626.38 33.95 50.925 | 72,745.20 34.98 52.470 | 74,927.55 36.02 54.030 | 77,175.36 37.11 55.665 | 79,490.63 38.22 57.330 | 81,875.32 39.37 59.055 | 84,331.60 40.56 60.840 | 86,861.56 41.77 62.655 | 89,467.42 43.01 64.515 | 92,151.41 44.30 66.450 | 94,915.95 45.66 68.490 | 97,763.44 47.02 70.530 | 72 645 | 7.350 103,717.23 49.87 74.805 |
| 1. 1. 1. 1. 1. 1. 1. 1. | | 70,9 | 73,098.33 35.14 52.710 | 75,291.27 36.18 54.270 | 77,550.00 37.28 55.920 | 79,876.51 38.41 57.615 | 82,272.79 39.56 59.340 | 84,740.98 40.73 61.095 | 87,283.19 41.96 62.940 | 89,901.70 43.23 64.845 | 92,598.74 44.53 66.795 | 95,376.69 45.86 68.790 | 98,238.02 47.23 70.845 | 101,185.15 48.64 72.960 | 104,220.71 50.11 75.165 | 107,347.35 51.61 77,415 |
| 1.2. | GRADE 25 Ex (6W0) H O | 73,3 | 75,570.23 36.34 54.510 | 77,837.34 37.41 56.115 | 80,172.46 38.55 57.825 | 82,577.64 39.70 59.550 | O B | 87,606.61 42.14 63.210 | 90,234.80 43.40 65.100 | 92,941.89 44.69 67.035 | 95,730.11 46.03 69.045 | 98,602.02 47.41 71.115 | 101,560.09 48.82 73.230 | 104,606.89 50.29 75.435 | 107,745.08 51.81 77.715 | 110,977.43 53.36 80.040 |
| No. 0.00 No. 0.00 | GRADE 25A Ex (6WA) H O | 75, | 78,215.21 37.62 56.430 | 80,561.62 38.74 58.110 | 82,978.51 39.90 59.850 | 85,467.87 41.10 61.650 | 88,031.87 42.34 63.510 | 90,672.85 43.61 65.415 | 93,393.03 44.91 67.365 | 96,194.84 46.27 69.405 | 99,080.68 47.65 71.475 | 102,053.11 49.09 73.635 | 105,114.69 50.56 75.840 | 108,268.13 52.06 78.090 | 111,516.16 53.63 80.445 | 114,861.64 55.25 82.875 |
| Table Tabl | GRADE 26 Ex (6X0) H 0 | 78,5 | 80,860.16 38.90 58.350 | 83,285.96 40.05 60.075 | 85,784.52 41.25 61.875 | 88,358.05 42.50 63.750 | 0,1 | 93,739.08 45.08 67.620 | 96,551.26 46.42 69.630 | 99,447.78 47.82 71.730 | 102,431.23 49.26 73.890 | 105,504.15 50.72 76.080 | 108,669.29 52.25 78.375 | 111,929.34 53.82 80.730 | 115,287.24 55.42 83.130 | 118,745.84 57.10 85,650 |
| EX 40.00.33 65.20.36 69.115.89 49.115.89 49.47.12 40.00.30 10.80.01.39 11.28.89.46 | GRADE 26A Ex (6XA) H O | | 83,690.27 40.25 60.375 | 86,200.98 41.46 62.190 | 88,787.01 42.70 64.050 | 91,450.60 43.99 65.985 | 4 | 97,019.94 46.66 69.990 | 99,930.55 48.07 72.105 | 102,928.46 49.50 74.250 | 106,016.31 50.99 76.485 | 109, 196.80 52.50 78.750 | 112,472.68 54.10 81.150 | 115,846.90 55.72 83.580 | 119,322.30 57.38 86.070 | 122,901.95 59.09 88.635 |
| EX 86,940.36 89,548.56 62,235.04 44,33 46,69 77,86 71,10 13,437.45 116,840.56 127,654.67 127,654.87 131,392.36< | GRADE 27 Ex (6Y0) H 0 | 84,0 | 86,520.36 41.59 62.385 | 89,115.98 42.84 64.260 | 91,789.45 44.14 66.210 | 94,543.13 45.47 68.205 | 7,3 | 100,300.81 48.21 72.315 | 103,309.85 49.67 74.505 | 106,409.12 51.16 76.740 | 109,601.39 52.71 79.065 | ω ω | 116,276.12 55.91 83.865 | 119,764.44 57.59 86.385 | 123,357.34 59.33 88,995 | 127,058.07 61.12 91.680 |
| EX 89,880.37 95,376.79 95,376.79 95,376.70 96,37 | GRADE 27A EX (6YA) H O | 86 | 89,548.56 43.04 64.560 | 92,235.04 44.33 66.495 | 95,002.08 45.69 68.535 | | 100,787.71 48.47 72.705 | 103,811.32 49.90 74.850 | 106,925.67 51.42 77.130 | 110,133.46 52.96 79.440 | 113,437.45 54.52 81.780 | 116,840.56 56.18 84.270 | 120,345.79 57.86 86.790 | 123,956.16 59.60 89.400 | 127,674.87 61.38 92.070 | 131,505.09 63.22 94.830 |
| Ex 99,026,19 95,816.36 98,691.47 101,652.25 104,701.80 107,842.86 111,078.13 114,410.49 17,842.80 125,019.40 125,019.40 128,770.03 132,633.12 136,612.10 140,73 H 44,72 46.09 47.46 48.87 50.34 51.86 53.41 55.01 56.65 58.65 66.01 66.19 67.00 128,770.03 132,633.12 136,612.10 140,721.80 | GRADE 28 Ex (620) H 0 | 8,68 | 92,576.79 44.51 66.765 | 95,354.07 45.84 68.760 | | 101,161.17 48.63 72.945 | 104,196.01 50.09 75.135 | 107,321.86 51.60 77.400 | | 113,857.76 54.75 82.125 | 117,273.50 56.41 84.615 | 120,791.71 58.11 87.165 | 124,415.47 59.85 89.775 | 128,147.94 61.63 92.445 | 131,992.36 63.49 95.235 | 135,952.13 65.39 98.085 |
| EX96,171.9999,057.16102,028.89105,088.75108,242.44111,489.70114,834.41118,279.42121,827.81125,482.65129,247.14133,124.53137,118.29141,231.84145,482.65A 6.2647.6449.0750.5552.0553.6255.2456.8958.6160.3662.1864.0165.9567.92A Ex46.2647.6449.0750.5578.07580.43082.86085.33587.91590.54093.27096.01598.925101.880A Ex46.2647.6449.6273.60575.82578.07580.430125,391.85116,391.85118,853.62122,419.21126,991.78129,874.56133,770.77137,783.91141,917.43146,174.96150,29A Ex47.8549.3050.7752.3053.8855.4957.1758.8860.6462.4564.3466.2668.2570.29A 70.590.01105,991.17109,170.89112,446.04115,819.39119,293.98122,872.80126,558.99130,355.75134,266.45138,294.42146,716.54151,118.07155,67A 49.4550.9552.4754.0865.6465.6566.5166.5168.4970.5672.67A 41.7576.42576.42576.42576.42576.42576.755109.09591.30591.30591.30591.30591.30591.30591.30591.30591.30591.30591.30591.30591.305 | GRADE 28A Ex (6ZA) H 0 | 93 | 95,816.96 46.09 69.135 | 98,691.47 47.46 71.190 | | | ,842.86 51.86 77.790 | 111,078.13 53.41 80.115 | 410.49 55.01 82.515 | യ്യ | | 125,019.40 60.11 90.165 | 128,770.03 61.90 92.850 | 132,633.12 63.77 95.655 | 136,612.10 65.68 | 140,710.46 67.65 |
| Ex 99,538.01 102,524.15 105,599.89 108,767.90 112,030.92 115,391.85 118,853.62 122,419.21 126,091.78 129,874.56 133,770.77 137,783.91 141,917.43 146,174.96 150.29 H 47.85 49.30 50.77 52.30 53.88 55.49 57.17 58.88 60.64 62.45 64.34 66.26 68.25 70.29 O 71.775 73.950 76.155 78.450 80.820 83.235 85.755 88.320 90.960 93.675 96.510 99.390 102.375 105,435 Ex 102,904.01 105,991.17 109,170.89 112,446.04 115,819.39 112,2872.80 126,558.99 130,355.75 134,266.45 132,443.26 146,716.54 151,118.07 155 A 9.45 50.95 52.47 54.08 55.69 57.36 60.87 62.67 64.58 66.51 68.49 70.56 72.67 A 175 76.425 78.705 81.120 83.535 <t< td=""><th>GRADE 29 Ex (600) H</th><td>96</td><td>99,057.16 47.64 71.460</td><td></td><td></td><td></td><td>1,489.70 53.62 80.430</td><td>114,834.41 55.24 82.860</td><td></td><td>121,827.81 58.61 87.915</td><td></td><td>129,247.14 62.18 93.270</td><td>133,124.53 64.01 96.015</td><td>137,118.29 65.95 98.925</td><td>141,231.84 67.92 101.880</td><td>145,468.77 69.96 104.940</td></t<> | GRADE 29 Ex (600) H | 96 | 99,057.16 47.64 71.460 | | | | 1,489.70 53.62 80.430 | 114,834.41 55.24 82.860 | | 121,827.81 58.61 87.915 | | 129,247.14 62.18 93.270 | 133,124.53 64.01 96.015 | 137,118.29 65.95 98.925 | 141,231.84 67.92 101.880 | 145,468.77 69.96 104.940 |
| 102,904.01 105,991.17 109,170.89 112,446.04 115,819.39 119,293.98 122,872.80 126,558.99 130,355.75 134,266.45 138,294.42 142,443.26 146,716.54 151,118.07 155,6 49.45 50.95 52.47 54.08 55.69 57.36 59.06 60.87 62.67 64.58 66.51 68.49 70.56 72.67 74.175 76.425 78.705 81.120 83.535 86.040 88.590 91.305 94.005 96.870 99.765 102.735 105.840 109.005 11 | GRADE 29A Ex (60A) H 0 | 99,538.01 47.85 71.775 | 102,524.15 49.30 73.950 | | | | | | | 126,091.78 60.64 90.960 | | 133,770.77 64.34 96.510 | 137,783.91 66.26 99.390 | 141,917.43 68.25 102.375 | 146,174.96 70.29 105,435 | 150,560.17 72.42 108.630 |
| | GRADE 30 Ex (610) H O | 102,9 | 105,991.17 50.95 76.425 | | | | | · | | 130,355.75 62.67 94.005 | | | 142,443.26 68.49 102.735 | 146,716.54 70.56 105.840 | | 155,651.61 74.85 112.275 |

| | | | | | | | | ייביסריי | 071-16107- | | | | | | |
|------------------------------|---------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|---|--|--|
| GRADE | 2015 STEP 1 | 2015 STEP 2 | 2015 STEP 3 | 2015 STEP 4 | 2015 STEP 5 | 2015 STEP 6 | 2015 STEP 7 | 2015 STEP 8 | 2015 STEP 9 | 2015 STEP 10 | 2015 STEP 11 | 2015 STEP 12 | 2015 STEP 13 | 2015 STED A14 | 2015 |
| GRADE 30A Ex (61A) H O | 106,505.66 1 51.21 76.815 | 109,700.86 52.76 79.140 | 112,991.87 54.35 81.525 | 116,381.64 55.97 83.955 | 119,873,10 57.67 86,505 | 123,469.28 59.39 89.085 | 127,173.35 61.17 91.755 | 130,988.56 63.01 94.515 | 134,918.22 64.88 97.320 | 138,965.76 66.84 100.260 | 143,134.73 68.84 103.260 | 147,428.77 | 151,851.63 73.04 | 156,407.18 75.21 | 161,099.39 77.48 |
| GRADE 31 Ex (620) H O | 110,107.33 52.95 79.425 | 113,410.56 54.51 81.765 | 116,812.87 56.16 84.240 | 120,317.26 57.84 86.760 | 123,926.77 59.57 89.355 | 127,644.58 61.36 92.040 | 131,473.91 63.20 94.800 | 135,418.12 65.10 97.650 | 139,480.68 67.05 100.575 | 143,665.09 69.08 103.620 | 147,975.03 71.17 106.755 | 152,414.16 73.30 109.950 | 109.560 156,986.72 75.48 | 112.815 161,696.31 77.75 | 116.220 166,547.21 80.06 |
| GRADE 31A Ex (62A) H 0 | 113,961.09 54.79 82.185 | 117,379.91 56.44 84.660 | 120,901.30 58.14 87.210 | 124,528.35 59.89 89.835 | 128,264.19 61.67 92.505 | 132,112.12 63.53 95.295 | 136,075.47 65.44 98.160 | 140,157.75 67.38 101.070 | 144,362.48 69.42 104.130 | 148,693.38 71.49 107.235 | 153,154.15 73.65 110.475 | 157,748.79 75.85 | 162,481.27 78.14 | 167,355.70 | 120.090 172,376.37 82.88 |
| GRADE 32 EX (630) H | 117,814.85 56.63 84.945 | 121,349.28 58.33 87.495 | 124,989.75 60.10 90.150 | 128,739.46 61.89 92.835 | 132,601.63 63.76 95.640 | 136,579.69 65.67 98.505 | 140,677.06 67.64 101.460 | 144,897.38 69.67 104.505 | 149,244.31 71.76 107.640 | 153,721.65 73.90 110.850 | 158,333.27 76.13 114.195 | 163,083.28 78.43 117.645 | 117.210 167,975.78 80.76 121.140 | 120.720 173,015.07 83.21 124,815 | 124.320 178,205.50 85.70 |
| GRADE 32A Ex (63A) H O | | 125,596.51 60.40 90.600 | 129,364.42 62.23 93.345 | 133,245.34 64.07 96.105 | 137,242.71 65.99 98.985 | 141,359.98 67.98 101.970 | 145,600.79 70.03 105.045 | 149,968.80 72.10 108.150 | 154,467.85 74.28 111.420 | 159,101.89 76.50 114.750 | 163,874.94 78.80 118.200 | 168,791.19 81.16 121.740 | 173,854.94 83.60 125.400 | 179,070.60 86.12 129.180 | 184,442.69 88.71 133.065 |
| GRADE 33 Ex (640) H | 126,061.86 60.60 90.900 | 129,843.74 62.42 93.630 | 133,739.05 64.32 96.480 | 137,751.20 66.24 99.360 | 141,883.75 68.23 102.345 | 146,140.25 70.27 105.405 | 150,524.47 72.39 108.585 | 155,040.18 74.55 111.825 | 159,691.40 76.78 115.170 | 164,482.13 79.08 118.620 | 169,416.64 81.47 122.205 | 174,499.09 83.92 125.880 | 179,734.11 86.43 129,645 | 185,126.11 89.01 | 190,679.89 |
| GRADE 33A EX (64A) H 0 | 130,474.03 62.71 94.065 | 134,388.27 64.62 96.930 | 138,419.92 66.55 99.825 | 142,572.51 68.55 102.825 | 146,849.69 70.61 105.915 | 151,255.17 72.72 109.080 | 155,792.80 74.90 112.350 | 160,466.58 77.14 115.710 | 165,280.60 79.47 119.205 | 170,239.05 81.84 122.760 | 175,346.20 84.31 126,465 | 180,606.59 86.86 | 186,024.79 89.45 134 175 | 191,605.52 92.11 | 197,353.69 |
| GRADE 34 Ex (650) H 0 | 134,886.18 64.84 97.260 | 138,932.81 66.79 100.185 | 143,100.78 68.81 103.215 | 147,393.80 70.85 106.275 | 151,815.60 73.00 109.500 | 156,370.10 75.18 112.770 | 161,061.18 77,45 116,175 | 165,893.02 79.76 119.640 | 170,869.80 82.16 123.240 | 175,995.90 84.62 126.930 | 181,275.79 87.15 130,725 | 186,714.03 89.79 134.685 | 192,315.49 | 198,084.95 | 142.320 204,027.50 98.11 |
| GRADE 34A Ex (65A) H O | 139,607.21 67.13 100.695 | 143,795.45 69.12 103.680 | 148,109.30 71.23 106.845 | 152,552.60 73.35 110.025 | 157,129.15 75.54 113.310 | 161,843.03 77.81 116.715 | 166,698.32 80.15 120.225 | 171,699.26 82.55 123.825 | 176,850.25 85.02 127.530 | 182,155.75 87.57 131.355 | 187,620.44 90.19 135.285 | 193,249.03 92.93 139.395 | 138./35 199,046.56 95.70 143.550 | 142.875 205,017.93 98.57 147.855 | 147.165 211,168.47 101.54 |
| GRADE 35 EX (660) H 0 | 144,328.22 69.40 104.100 | 148,658.07 71.48 107.220 | 153,117.83 73.63 110.445 | 157,711.37 75.83 113.745 | 162,442.70 78.12 117.180 | 167,315.99 80.46 120.690 | 172,335.46 82.86 124.290 | 177,505.52 85.36 128.040 | 182,830.68 87.90 131.850 | 188,315.61 90.56 135.840 | 193,965.11 93.27 139 905 | 199,783.99 96.06 | 205,777.57 | 211,950.87 | 218,309.40 |
| GRADE 35A EX (66A) H | 149,379.72 71.82 107.730 | 153,861.14 73.98 110.970 | 158,476.94 76.19 114.285 | 163,231.26 78.48 117.720 | 168,128.20 80.82 121.230 | 173,172.04 83.26 124.890 | 178,367.20 85.76 128.640 | 183,718.21 88.34 132.510 | 189,229.76 90.99 136.485 | 194,906.65 93.71 140.565 | 200,753.90 96.53 144.795 | 206,776.45 99.41 149.115 | 212,979.78 102.39 153.585 | 152.895 219,369.17 105.45 158.175 | 157.485 225,950.24 108.63 |
| ΩIO | 154,431.21 74.26 111.390 | 159,064.16 76.47 114.705 | 163,836.09 78.77 118.155 | 168,751.14 81.13 121.695 | 173,813.70 83.57 125.355 | 179,028.12 86.08 129.120 | 184,398.96 88.67 133.005 | 189,930.91 91.32 136.980 | 195,628.85 94.08 141.120 | 201,497.70 96.90 145.350 | | 213,768.91 102.80 154.200 | 220,182.02 105.87 158.805 | | 162.945 233,591.06 112.32 |
| GRADE 36A Ex (67A) H | 159,836.29 76.86 115.290 | 164,631.42 79.16 118.740 | 169,570.34 81.54 122.310 | 174,657.44 83.99 125.985 | 179,897.19 86.51 129.765 | 185,294.08 89.09 133.635 | 190,852.90 91.78 137.670 | 196,578.48 94.51 141.765 | | | | 221,250.82 106.36 159.540 | | | 168.480 241,766.76 116.23 174.345 |

| 20.295 29,038.74 13.96 20.940 30,055.10 14.47 21.705 | 31,071.45 14.95 22.425 32,158.95 15.45 23.175 | 33,246.43 16.00 24.000 34,410.06 16.59 24.885 | 35,573.72 17.15 25.725 | 36,818,78 17,71 26.565 38,063.87 18.30 27.450 | 39,396.12 18.95 28.425 40,728.34 19.59 |
|--|---|--|--|--|--|
| 28,192.91 13.56 20.340 29,179.71 14.05 21.075 | 30,166.46 14.51 21.765 31,222.29 15.03 22.545 | 32,278.11 15.51 23.265 33,407.83 16.12 24.180 | 34,537.57 16.63 24.945 | 35,746.39 17.21 25.815 36,955.19 17.78 26.670 | 38,248.63 18.39 27.585 39,542.07 19.01 |
| 19.110 27,371.79 13.15 19.725 28,329.82 13.65 20.475 | 29,287.82 14,09 21.135 30,312.90 14.58 | 31,337.95 15.07 22.605 32,434.81 15.66 23.490 | 33,531.64 16.15 24.225 | 34,705.22 16.70 25.050 35,878.84 17.25 25.875 | 37,134.59 17.87 26.805 38,390.36 18.45 |
| 18.570 26,574.55 12.79 19.185 27,504.67 13.22 19.830 | 28,434.78 13.69 20.535 29,429.98 14.16 21.240 | 30,425.21 14.62 21.930 31,490.10 15.19 22.785 | 32,554.99 15.70 23.550 | 33,694.40 16.21 24.315 34,833.83 16.75 25.125 | 36,053.04 17.32 25.980 37,272.20 17.94 |
| 18.000 25,806.19 12.41 18.615 26,709.38 12.85 | 27,612.60 13.29 19.935 28,579.07 13.74 20.610 | 29,545.47 14.21 21.315 30,579.57 14.75 22.125 | 31,613.68 15.23 22.845 | 32,720.16 15.76 23.640 33,826.63 16.26 24.390 | 35,010.56 16.84 25.260 36,194.50 |
| o mro mro | ATO ATO | MIO MIO | MΥO | MIO MIO | Aro Ar |
| GRADE 3 (6A0) GRADE 3A (6AA) | GRADE 4 (6B0) GRADE 4A (6BA) | GRADE 5 (6C0) GRADE 54 (6CA) | GRADE 6 (6D0) | GRADE 6A (6DA) GRADE 7 (6E0) | GRADE 7A (6EA) GRADE 8 (6F0) |
| 1 1 | 34 Ex 26,709.38 27,504.67 28,329.82 29,179.71 30, 12.85 19.375 19.830 20.475 21.075 | E3 Ex 18.000 18.570 19.110 19.680 2 F3 Ex 25,806.19 26,574.55 27,371.79 28,192.91 29,0 3A Ex 12.41 12.79 13.15 13.56 20.340 2 3A Ex 26,709.38 27,504.67 28,329.82 29,179.71 30,0 1 12.85 13.22 13.65 14.05 21.075 2 1 19.275 19.830 20.475 21.075 2 1 13.29 13.69 14.09 14.51 2 4A Ex 27,612.60 28,434.78 29,287.82 30,166.46 31,0 14 13.29 13.69 14.09 14.51 2 4A Ex 28,579.07 29,429.98 30,312.90 31,222.29 32,11 A 13.74 14.16 14.58 15.03 22,545 2 | E3 Ex 18.000 18.570 19.110 19.680 2 F3 Ex 25,806.19 26,574.55 27,371.79 28,192.91 29,0 3A Ex 26,709.38 27,504.67 28,329.82 29,179.71 30,0 3A Ex 26,709.38 27,504.67 28,329.82 29,179.71 30,0 1 12.85 13.22 13.65 14.05 21,075 2 4 Ex 27,612.60 28,434.78 29,287.82 30,166.46 31,0 1 13.29 13.69 14.05 14.05 14.05 21.075 2 4A Ex 27,612.60 28,434.78 29,287.82 30,166.46 31,0 2 1 13.29 13.69 14.09 14.51 2 2 2 4A Ex 28,579.07 29,429.98 30,312.90 31,222.29 32,11 5 Ex 28,578.47 30,425.21 31,337.95 32,278.11 | Sample | Sample |

| 2015 STEP AL 7 | 29.385 | 42,153.80 20.29 30.435 | 43,579.32 21.01 31.515 | 45,104.60 21.72 32.580 | 46,629.86 22.42 33.630 | 48,261.92 23.22 34.830 | 49,893.95 24.00 36.000 | 51,640.26 24.86 37.290 | 53,386.54 25.67 38.505 | 55,255.06 26.59 39.885 | 57,123.59 27.51 41.265 | 59,122.93 28.44 42.660 | 61,122.24 29.40 44.100 | 63,261.53 30.46 45.690 | 65,400.80 31.44 47.160 | 67,689.84 |
|-------------------|--------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|--------------|
| 2015 STEP ALG | | 40,926.05 19.68 29.520 | 42,310.02 20.41 30.615 | 43,790.84 21.07 31.605 | 45,271.69 21.77 32.655 | 46,856.21 22.54 33.810 | 48,440.74 23.30 34.950 | 50,136.17 24.14 36.210 | 51,831.58 24.94 37.410 | 53,645.70 25.82 38.730 | 55,459.79 26.68 40.020 | 57,400.89 27.61 41.415 | 59,341.99 28.55 42.825 | 61,418.98 29.57 44.355 | 63,495.93 30.54 45.810 | 65,718.27 |
| 2015 STEP ALS | 27.675 | 39,734.02 19.12 28.680 | 41,077.69 19.80 29.700 | 42,515.41 20.47 30.705 | 43,953.12 21.14 31.710 | 45,491.48 21.87 32.805 | 47,029.83 22.63 33.945 | 48,675.88 23.43 35.145 | 50,321.91 24.20 36.300 | 52,083.19 25.09 37.635 | 53,844.43 25.90 38.850 | 55,729.01 26.83 40.245 | 57,613.58 27.71 41.565 | 59,630.04 28.71 43.065 | 61,646.53 29.65 44.475 | 63,804.16 |
| 2015 STEP AL4 | 26.910 | 38,576,73 18.57 27.855 | 39,881.26 19.25 28.875 | 41,277.10 19.85 29.775 | 42,672.93 20.52 30.780 | 44,166.48 21.24 31.860 | 45,660.04 21.97 32.955 | 47,258.13 22.75 34.125 | 48,856.26 23.49 35.235 | 50,566.19 24.34 36.510 | 52,276.18 25.17 37.755 | 54,105.84 26.05 39.075 | 55,935.52 26.91 40.365 | 57,893.27 27.86 41.790 | 59,850.99 28.80 43.200 | 61,945.77 |
| 2015 STEP AL3 | 26.130 | 37,461.31 18.04 27.060 | 38,728.12 18.67 28.005 | 40,083.63 19.30 28.950 | 41,439.12 19.92 29.880 | 42,889.44 20.60 30.900 | 44,339.81 21.32 31.980 | 45,891.68 22.11 33.165 | 47,443.60 22.82 34.230 | 49,104.12 23.60 35.400 | 50,753.56 24.43 36.645 | 52,541.43 25.28 37.920 | 54,318.18 26.15 39.225 | 56,219.34 27.04 40.560 | 58,120.44 27.97 41.955 | 60,154.67 |
| GRADE | 0 | GRADE 8A Ex (6FA) H O | GRADE 9 Ex (6G0) H O | GRADE 9A Ex (6GA) H O | GRADE 10 EX (6H0) H 0 | GRADE 10A Ex (6HA) H O | GRADE 11 EX (610) H | GRADE 11A Ex (6IA) H 0 | GRADE 12 Ex (6J0) H 0 | GRADE 12A Ex (6JA) H 0 | GRADE 13 Ex (6K0) H | GRADE 13A Ex (6KA) H O | GRADE 14 Ex (6L0) H | GRADE 14A Ex (6LA) H | GRADE 15 EX (6M0) H | GRADE 15A Ex |

| 2015 STEP AL7 | 32.55 48.825 | 69,978.86 33.65 50.475 | 72,428.11 34.86 52.290 | 74,877.38 36.01 54.015 | 77,498.07 37.27 55.905 | 80,118.77 38.57 57.855 | 82,922.92 39.87 59.805 | 85,727.10 41.24 61.860 | 88,727.57 42.69 64.035 | 91,728.02 44.14 66.210 | 94,938.49 45.67 68.505 | 98,148.95 47.21 70.815 | 101,584.17 48.86 73.290 | 105,019.38 50.52 75.780 | 108,695.04 52.26 78.390 |
|------------------|-----------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|
| 2015 STEP AL6 | 31.62 47.430 | 67,940.65 32.66 48.990 | 70,318.56 33.86 50.790 | 72,696.48 34.97 52.455 | 75,240.84 36.18 54.270 | 77,785.24 37.45 56.175 | 80,507.70 38.71 58.065 | 83,230.20 40.04 60.060 | 86,143.26 41.45 62.175 | 89,056.32 42.84 64.260 | 92,173.29 44.32 66.480 | 95,290.24 45.84 68.760 | 98,625.42 47.45 71.175 | 101,960.56 49.04 73.560 | 105,529.20 50.74 76.110 |
| STEF | 30.68 46.020 | 65,961.79 31.73 47.595 | 68,270.43 32.88 49.320 | 70,579.10 33.95 50.925 | 73,049.38 35.14 52.710 | 75,519.66 36.37 54.555 | 78,162.84 37.60 56.400 | 80,806.00 38.89 58.335 | 83,634.24 40.23 60.345 | 86,462.46 41.59 62.385 | 89,488.63 43.03 64.545 | 92,514.80 44.51 66.765 | 95,752.84 46.07 69.105 | 98,990.84 47.61 71.415 | 102,455.52 49.27 73.905 |
| 2015 STEP AL4 | 29.81 44.715 | 64,040.55 30.79 46.185 | 66,281.99 31.90 47.850 | 68,523.40 32.97 49.455 | 70,921.72 34.13 51.195 | 73,320.07 35.31 52.965 | 75,886.23 36.49 54.735 | 78,452.48 37.74 56.610 | 81,198.27 39.06 58.590 | 83,944.12 40.40 60.600 | 86,882.15 41.80 62.700 | 89,820.21 43.21 64.815 | 92,963.92 44.72 67.080 | 96,107.61 46.25 69.375 | 99,471.38 47.83 71.745 |
| 2015 STEP AL3 | 28.92 43.380 | 62,175.31 29.91 44.865 | 64,365.48 30.99 46.485 | 66,542.09 32.01 48.015 | 68,871.07 33.12 49.680 | 71,200.04 34.27 51.405 | 73,692.05 35.44 53.160 | 76,184.09 36.64 54.960 | 78,850.51 37.92 56.880 | 81,499.15 39.21 58.815 | 84,370.03 40.59 60.885 | 87,223.13 41.94 62.910 | 90,275.92 43.43 65.145 | 93,328.77 44.89 67.335 | 96,595.27 46.43 69.645 |
| ш | (6MA) H | GRADE 16 Ex (6N0) H | GRADE 16A Ex (6NA) H | GRADE 17 Ex (600) H 0 | GRADE 17A Ex (60A) H 0 | GRADE 18 Ex (6P0) H | GRADE 18A EX (6PA) H O | GRADE 19 Ex (6Q0) H | GRADE 19A Ex (6QA) H | GRADE 20 Ex (6R0) H 0 | GRADE 20A Ex (6RA) H | GRADE 21 Ex (6S0) H | GRADE 21A Ex (6SA) H | GRADE 22 Ex (6T0) H | GRADE 22A Ex (6TA) H 0 |

| 112,370.74 | 116,303.72 | 120,236.69 | 124,445.01 | 128,653.27 | 133,156.13 | 137,658.98 | 142,477.07 | 147,295.13 | 152,450.46 | 157,605.79 | 163,121.99 | 168,638.17 | 174,540.51 | 180,442.86 |
|------------|---|---|---|---|---|--|---|---|--|------------|--|--|--|--|
| 54.06 | 55.93 | 57.81 | 59.86 | 61.86 | 64.02 | 66.19 | 68.51 | 70.83 | 73.32 | 75.80 | 78.44 | 81.11 | 83.96 | 86.76 |
| 81.090 | 83.895 | 86.715 | 89.790 | 92.790 | 96.030 | 99.285 | 102.765 | 106.245 | 109.980 | 113.700 | 117.660 | 121.665 | 125.940 | 130.140 |
| 109,097.81 | 112,916.21 | 116,734.67 | 120,820.38 | 124,906.09 | 129,277.82 | 133,649.49 | 138,327.23 | 143,004.98 | 148,010.15 | 153,015.32 | 158,370.86 | 163,726.38 | 169,456.81 | 175,187.22 |
| 52.44 | 54.30 | 56.12 | 58.12 | 60.06 | 62.20 | 64.28 | 66.53 | 68.77 | 71.19 | 73.59 | 76.15 | 78.75 | 81.50 | 84.24 |
| 78.660 | 81,450 | 84.180 | 87.180 | 90.090 | 93.300 | 96.420 | 99.795 | 103.155 | 106.785 | 110.385 | 114.225 | 118.125 | 122.250 | 126.360 |
| 105,920.22 | 109,627.39 | 113,334.61 | 117,301.34 | 121,268.05 | 125,512.43 | 129,756.79 | 134,298.30 | 138,839.78 | 143,699.17 | 148,558.55 | 153,758.13 | 158,957.68 | 164,521.17 | 170,084.70 |
| 50.93 | 52.73 | 54.49 | 56.42 | 58.30 | 60.37 | 62.39 | 64.60 | 66.77 | 69.09 | 71.45 | 73.92 | 76.45 | 79.12 | 81.80 |
| 76.395 | 79.095 | 81.735 | 84.630 | 87.450 | 90.555 | 93.585 | 96.900 | 100.155 | 103.635 | 107.175 | 110.880 | 114.675 | 118.680 | 122.700 |
| 102,835.14 | 106,434.40 | 110,033.62 | 113,884.78 | 117,735.98 | 121,856.71 | 125,977.47 | 130,386.71 | 134,795.92 | 139,513.75 | 144,231.62 | 149,279.72 | 154,327.86 | 159,729.31 | 165,130.78 |
| 49.43 | 51.18 | 52.92 | 54.77 | 56.60 | 58.62 | 60.57 | 62.70 | 64.82 | 67.09 | 69.38 | 71.78 | 74.22 | 76.81 | 79.43 |
| 74.145 | 76.770 | 79.380 | 82.155 | 84.900 | 87.930 | 90.855 | 94.050 | 97.230 | 100.635 | 104.070 | 107.670 | 111.330 | 115.215 | 119.145 |
| L | 103,356.94 | 106,852.10 | 110,591,92 | 114,331.73 | 118,333.35 | 122,334.94 | 126,616.67 | 130,898.39 | 135,479.83 | 140,061.29 | 144,963.44 | 149,865.59 | 155,110.85 | 160,356.16 |
| | 49.69 | 51.39 | 53.16 | 54.96 | 56.90 | 58.81 | 60.89 | 62.96 | 65.12 | 67.34 | 69.68 | 72.05 | 74.59 | 77.09 |
| | 74.535 | 77.085 | 79.740 | 82.440 | 85.350 | 88.215 | 91.335 | 94.440 | 97.680 | 101.010 | 104.520 | 108.075 | 111.885 | 115.635 |
| | | | | | | | ÄΞΟ | ΣΞO | MΞO | MΙO | ω×ο | ÄΙο | Щтο | ΣΞO |
| GRADE 23 | GRADE 23/ | GRADE 24 | GRADE 24/ | GRADE 25 | GRADE 25A | GRADE 26 | GRADE 26A | GRADE 27 | GRADE 27A | GRADE 28 | GRADE 28A | GRADE 29 | GRADE 29A | GRADE 30 |
| (6U0) | (6UA) | (6V0) | (6VA) | (6W0) | (6WA) | (6X0) | (6XA) | (6Y0) | (6YA) | (620) | (6ZA) | (600) | (60A) | (610) |
| | 3 Ex 99.861.76 102,835.14 105,920.22 109,097.81 112,3 H 48.02 49.43 50.93 52.44 O 72.030 74.145 76.395 78.660 8 | Ex 99.861.76 102,835.14 105,920.22 109,097.81 112,3 H 48.02 49.43 50.93 52.44 172,030 74.145 76.395 78.660 8 N Ex 103,356.94 106,434.40 109,627.39 112,916.21 116,3 H 49.69 51.18 52.73 54.30 81.450 8 | Ex 99,861.76 102,835.14 105,920.22 109,097.81 112,33 O 72.030 74.145 76.395 78.660 8 Ex 103,356.94 106,434.40 109,627.39 112,916.21 116,34 O 74.535 76.770 79.095 81.450 8 Ex 106,852.10 110,033.62 113,334.61 116,734.67 120,2 H 51.39 52.92 54.49 56.12 120,2 H 77.085 79.380 81.735 84.180 8 | Ex 99,861.76 102,835.14 105,920.22 109,097.81 112,334 O 72.030 74.145 76.395 78.660 8 Ex 103,356.94 106,434.40 109,627.39 112,916.21 116,344 O 74.535 76.770 79.095 81.450 8 Ex 106,852.10 110,033.62 113,334.61 116,734.67 120,22 Fx 105,91.92 113,884.78 117,301.34 120,820.38 124,48 Ex 10,591.92 113,884.78 117,301.34 120,820.38 124,4 Fx 10,591.92 13,884.78 117,301.34 120,820.38 124,4 Fx 10,591.92 84.180 87.180 87.180 88 | Ex 99.861.76 102,835.14 105,920.22 109,097.81 112,34 O 72.030 74.145 76.395 78.660 8 Ex 103,356.94 106,434.40 109,627.39 112,916.21 116,34 O 74.535 76.770 79.095 81.450 8 Ex 106,852.10 110,033.62 113,334.61 116,734.67 120,202 P 51.39 52.92 54.49 56.12 8 C 77.085 79.380 81.735 84.180 8 Ex 110,591.92 113,884.78 117,301.34 120,820.38 124,4 D 79.740 82.155 84.630 87.180 8 Ex 114,331.73 117,735.98 121,268.05 124,906.09 128,6 Ex 144,331.73 147,735.98 121,268.05 60.06 60.06 B 56.60 58.30 60.06 90.090 90.090 | Ex 99.861.76 102,835.14 105,920.22 109,097.81 112,344 O 72.030 74.145 76.395 78.660 8 Ex 103,356.94 106,434.40 109,627.39 112,916.21 116,336 Ex 103,356.94 106,434.40 109,627.39 112,916.21 116,336 Ex 106,852.10 110,033.62 113,334.61 116,734.67 120,22 Fx 10,591.92 113,884.78 117,301.34 120,820.38 124,48 Fx 110,591.92 113,884.78 117,301.34 120,820.38 124,4 Fx 114,331.73 117,735.98 121,268.05 124,906.09 128,6 Fx 114,331.73 117,735.98 121,268.05 124,906.09 90.090 Fx 114,333.35 121,856.71 125,512.43 129,277.82 133,1 Fx 18,333.35 121,856.71 125,512.43 122,20 9 Bx 36.90 58.62 60.37 62.20 9 | Ex 99.861.76 102,835.14 105,920.22 109,097.81 112,34 O 72.030 74.145 76.395 78.660 8 A 48.02 74.145 76.395 78.660 8 C 72.030 74.145 76.395 78.660 8 A 49.69 106,434.40 109,627.39 112,916.21 116,33 Ex 106,852.10 110,033.62 113,334.61 116,734.67 120,20 FX 106,852.10 110,033.62 113,334.61 116,734.67 120,2 A 51.39 52.92 54.49 56.12 84.180 84.180 Ex 110,591.92 113,884.78 117,301.34 120,820.38 124,4 B 51.39 82.15 84.630 87.180 87.180 87.180 Ex 114,331.73 117,735.98 121,288.05 124,906.09 128,00.09 90.090 B 54.96 56.60 58.30 60.06 90.090 90.0 | Ex 99.861.76 102,835.14 105,920.22 109,097.81 112,34 O 72.030 74.145 76.395 78.660 8 Ex 103,356.94 106,434.40 109,627.39 112,916.21 116,33 Ex 103,356.94 106,434.40 109,627.39 112,916.21 116,33 Ex 106,852.10 110,033.62 113,334.61 116,734.67 120,22 Fx 105,91.92 113,884.78 117,301.34 120,820.38 124,49 Ex 110,591.92 113,884.78 117,301.34 120,820.38 124,4 Ex 140,331.73 117,735.98 121,268.05 124,906.09 128,0 Ex 144,331.73 117,735.98 121,268.05 124,906.09 128,0 Ex 148,333.35 121,856.71 125,512.43 129,277.82 133,1 Ex 122,334.94 125,977.47 129,756.79 133,649.49 137,6 Ex 122,334.94 125,977.47 124,298.30 138,327.23 | Ex 99,861.76 102,835.14 105,920.22 109,097.81 112,3 48,02 72,030 74.145 76,395 78,660 8 103,356.94 106,434.40 109,627.39 112,916.21 116,33 10 74.535 76.770 79,095 81,450 8 10 74.535 76.770 79,095 81,450 8 10 7.085 79.380 81,735 84,180 8 10 77.085 79.380 81,735 84,180 8 10 79.740 82,135 84,180 8 10 82,136 84,630 87,180 8 11 82,146 84,900 87,450 90,090 9 11 82,146 84,900 87,450 90,090 9 9 11 82,136 87,330 87,360 86,20 87,30 9 10 88,316 125,977.47 128,756.79 138,424 96,426 96,30 | E 23 Ex | Color Colo | Ex 99.861.76 102,835.14 105,920.22 109,087.81 112,33 A Ex 103,356.94 106,434.40 108,627.39 78,660 8 A Ex 103,356.94 106,434.40 109,627.39 112,916.21 116,33 A Ex 106,852.10 77,085 76,770 78,085 81,450 84,180 85,12 A Ex 106,852.10 110,033.62 13,334.61 116,734.67 120,24 A Ex 110,591.92 113,884.78 117,301.34 120,820.38 124,48 A Ex 110,591.92 113,884.78 117,301.34 120,820.38 124,48 A Ex 14,331.73 117,735.98 121,286.05 124,280 124,48 A Ex 14,331.73 117,736.38 124,300 91,28 124,48 B S 3.46 8.2.15 84.500 87.450 90.090 91,28 B C 3.46 8.2.35 125,977.47 125,512.43 126,277.82 137,6 B S 8.15 90.855 93,585 96,20 </th <th> Ex 99,861.76 102,835,14 105,920.22 109,097.81 112,336.94 48,02 74,145 50.93 52.44 12,035.95 78,660 8 74,145 76,395 78,660 8 74,596 8 76,770 76,095 51,18 52,73 54,30 8 76,770 76,095 51,18 54,180 8 77,085 78,280 8 77,085 78,280 8 77,085 78,280 8 77,085 78,280 8 77,085 78,280 8 77,085 78,280 8 77,085 78,280 8 77,085 78,280 8 77,180 8 78,280 78,2</th> <th> FX 99,861.76 102,835.14 105,920.22 109,097.81 112.34 </th> | Ex 99,861.76 102,835,14 105,920.22 109,097.81 112,336.94 48,02 74,145 50.93 52.44 12,035.95 78,660 8 74,145 76,395 78,660 8 74,596 8 76,770 76,095 51,18 52,73 54,30 8 76,770 76,095 51,18 54,180 8 77,085 78,280 8 77,085 78,280 8 77,085 78,280 8 77,085 78,280 8 77,085 78,280 8 77,085 78,280 8 77,085 78,280 8 77,085 78,280 8 77,180 8 78,280 78,2 | FX 99,861.76 102,835.14 105,920.22 109,097.81 112.34 |

| 2015 STEP AL7 | 186,758.35 89.80 134.700 | 193,073.87 92.85 139.275 | 199,831.45 96.07 144.105 | 206,589.04 99.34 149.010 | 213,819.66 102.82 154.230 | 221,050.26 106.30 159.450 | 228,787.01 110.02 165.030 | 236,523.77 113.73 170.595 | 244,802.12 117.70 176.550 | 253,080.45 121.69 182.535 | 261,938.24 125.94 188.910 | 270,796.07 130.23 195.345 | 280,273.91 134.75 202.125 |
|------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| 2015 STEP AL6 | 181,318.80 87.16 130.740 | 187,450.34 90.13 135.195 | 194,011.11 93.28 139.920 | 200,571.89 96.47 144.705 | 207,591.91 99.83 149.745 | 214,611.89 103.19 154.785 | 222,123.31 106.80 160.200 | 229,634.73 110.42 165.630 | 237,671.95 114.28 171.420 | 245,709.15 118.16 177.240 | 254,308.98 122.28 183.420 | 262,908.79 126.43 189.645 | 272,110.60 130.82 196.230 |
| 2015 STEP AL5 | 176,037.67 84.64 126.960 | 181,990.63 87.52 131.280 | 188,360.31 90.59 135.885 | 194,729.98 93.64 140.460 | 201,545.51 96.93 145.395 | 208,361.06 100.19 150.285 | 215,653.70 103.69 155.535 | 222,946.34 107.20 160.800 | 230,749.47 110.94 166.410 | 238,552.60 114.71 172.065 | 246,901.92 118.73 178.095 | 255,251.28 122.72 184.080 | 264,185.05 127.02 190.530 |
| 2015 STEP AL4 | 170,910.35 82.19 123.285 | 176,689.94 84.97 127.455 | 182,874.09 87.91 131.865 | 189,058.23 90.89 136.335 | 195,675.27 94.11 141.165 | 202,292.30 97.26 145.890 | 209,372.52 100.68 151.020 | 216,452.79 104.08 156.120 | 224,028.61 107.71 161.565 | 231,604.46 111.36 167.040 | 239,710.61 115.26 172.890 | 247,816.76 119.15 178.725 | 256,490.35 123.31 184.965 |
| 2015 STEP AL3 | 165,968.62 79.80 119.700 | 171,581.10 82.48 123.720 | 177,586.43 85.38 128.070 | 183,591.77 88.26 132.390 | 190,017.46 91.35 137.025 | 196,443.19 94.44 141.660 | 203,318.70 97.75 146.625 | 210,194.24 101.06 151.590 | 217,551.01 104.59 156.885 | 224,907.81 108.14 162.210 | 232,779.59 111.90 167.850 | 240,651.37 115.70 173.550 | 249,074.16 119.72 179.580 |
| | Ω×ο | ΩΞO | Ä τ ο | Ω±ο | M. O | ÄΙο | Ω±ο | ΩΞO | MΤΟ | ΩΞO | Ω±ο | ΜΞO | ÄΞο |
| GRADE | GRADE 30A (61A) | GRADE 31 (620) | GRADE 31A (62A) | GRADE 32 (630) | GRADE 32A (63A) | GRADE 33 (640) | GRADE 33A (64A) | GRADE 34 (650) | GRADE 34A (65A) | GRADE 35 (660) | GRADE 35A (66A) | GRADE 36 (670) | GRADE 36A (67A) |
| | GRA | GR. | GRA | GR4 | GRA | 9. 9. | GRA | SR. | GRA (| GRA | GRAI (| GRA (| GRAE |